ABSTRACT OF STATISTICS FOR TAMIL NADU

VOLUME XXIV No. 4

For the Quarter ended December 1979

ISSUED BY
THE DIRECTOR OF STATISTICS
MADRAS



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PREFACE

The Abstract of Statistics for Tamil Nadu presents current statistics on select items of importance in the form of a compendium. This publication is intended to serve as an authoritative book of reference by Government Departments, Research Scholars, Statisticians, Economists, Planners, etc.

This issue covers in the main statistics for the Quarter ended December 1979 with comparative data to the extent available.

Chapters on "Economic Situation in Tamil Nadu" and 'Select Economic Indicators' high light the tempo of progress of Tamil Nadu.

A special feature of this issue is the inclusion of reports on-

- 1. Structural Changes in the Total quantum of Foreign Exports Through Tamit Nadu ports during 1960-61 to 1977-78.
- 2. Irrigation Statistics-Talukwise data for North Arcot District.
- 3. Unemployment among Teaching Graduates in Tamil Nadu.

The Co-operation extended by other Heads of Departments in furnishing the statistics required, is gratefully acknowledged.

MADRAS - 600 006, DATED 7TH MARCH 1980. V. SANKARAN, Commissioner of Statistics.

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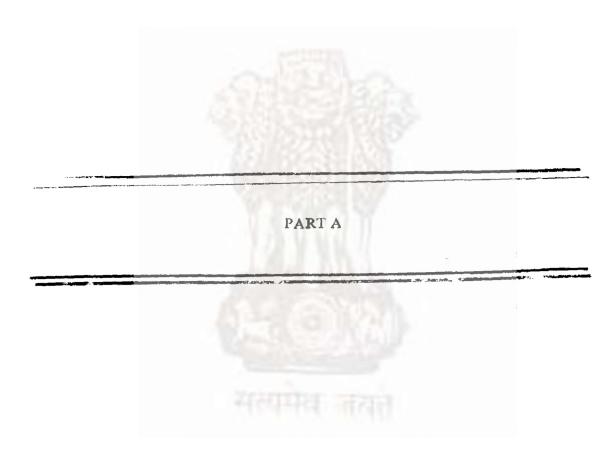
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ECONOMIC SITUATION IN TAMIL NADU.

RAINFALL.

The Noth-east monsoon set over coastal Tamil Nadu on 22nd October 1979. The monsoon rain was deficient in October excessive in November and deficient in December.

Due to the T ough line, upper cyclonic circulation and low pressure area formed in the bay thrice during October resulting in isolated rainfall. The rainfall of October was less than normal by 27 per cent.

During the month of November, monsoon was active due to the frequent accurance of low pressure area. This resulted in wide spread and heavy rainfall. The rainfall during this month was 121 per cent above the normal. In all the districts, the rainfall was excessive and particularly more than 100 per cent of the normal in North Arcot, Salem, Dharmapuri, Periyar, Coimbatore, Tiruchirappalli, Pudukkottai, Madurai, Ramanathapuram, Tirunelveli and The Nilgiris districts.

Low pressure area formed in the bay thrice during December and the rainfall was isolated. It was deficient by 41 per cent in December for the State.

For the season as a whole the rainfall was excessive in South Arcot, North Arcot, Periyar, Coimbatore, Tiruchirappalli, Pudukkettai, Madurai, Ramanathapuram, Tirunelveli and The Nilgiris districts and the other districts had normal rainfall. For the state, the North-east monsoon rainfall was excessive by 31 per cent.

Due to heavy rain, there were floods in Palar, Cheyyar, Vaigai, Amaravath, rivers and nearly 600 tanks were breached. 139 lives were lost in different districts of the State and damages were caused to properties and standing crops.

WATER SUPPLY.

During the first month of this quarter, water supply was adequate in the State except in South Arcet, North Arcot, Ramanathapuram, Tirunelveli, Dharmapuri and The Nilgiris districts. The state felt the impact of heavy north-east monsoon rain in November 1979 and the water supply was adequate in all districts. All the rainfed tanks and irrigation sources were full particularly in southern dry districts of Ramanathapuram and Tirunelveli. In all the rivers, water was flowing.

WATER LEVEL.

Due to the onset of north-east monsoon rains the water level in all the reservoirs of the State steadily increased and reached the maximum level. During November 1979 in Manimuthar Reservoir the water level was 108 feet, and an emergency was declared by the Public Works Department. The water levels in Papanasam and Manimuthar rose up to 27 feet and 18 feet respectively by the heavy rains between 8th November 1979 and 12th November 1979. The first flood warning went to Kerala as Periyar reservoir level rose to 143 feet on 12th November 1979 just 2 feet below the maximum, recommended by the Central water of Power Commission The biggest reservoirs in Coimbatore districts, Parambikulam and Amaravanthy were full, while the lower Bhavani started surplussing. It is good year of rainfall so far as irrigation sources are concerned.

AGRICULTURE

The total geographical area of Tamil Nadu according to villages papers was 13.0 million hectars in 1977-78. Out of which, the net area sown accounted for 6.3 million hectares, the area cultivable but not cultivated showed 2.4 million hectares and the uncultivable land was 4.3 million hectares out of the 6.3 million hectares of net area sown 2.8 million hectares or about 45.0 percent was irrigated. The area sown more than once was 1.5 million hectares of which 0.9 million hectares or about 60.2 percent was irrigated.

INDEX NUMBERS OF AGRICULTURAL ECONOMY.

The index Numbers of area under crop, yield, production, cropping intensity and productivity per hectare for 1978-79 (p) has increased by 2·2; 6·2; 9·5; 2·1; 0·3; 9·1; points respectively when compared with the previous year 1977-78. The index of cropping pattern has decreased by 0·3 points from 1977-78 to 1978-79.

B1 147-2 2a

GOCONUT AND ARECANUT.

According to the provisional estimates of coconut and Arecanut survey, the estimated aresunder coconut in Tamil Nadu for 1978-79 was 110,720 hectares and its total production was 1056-60 million nuts. When compared with the previous year the estimated area and production of coconut showed an increase of 0.9 percent and 1.7 percent respectively. The estimated area under arecanut was 4160 hectares with the total production of 2,947 tonnes of cured arecanuts recording an increase of 2.5 percent and 2.3 percent respectively over the previous year.

MINOR CROPS.

During 1977-78 the total area for the districts covered under onions, chillies, potato (winter and summer combined) and Tapioca was 18045, 77961, 11424 and 50878 hectares respectively, while the estimated production of these crops was 189 360, 64550, 99450 and 126 2890 tonnes respectively.

CROP PROSPECTS.

The North east monsoonic showers were in time during the beginning of the quarter, giving an alluring impetus to the agricultural operations in the State. The State had experienced heavy, vehement downpour during the middle of the quarter due to the fierce outbreak of North East monsoon; the rains caused copious supply of water to almost all tanks and reservoirs of the state enriching the irrigational potentiality and ensuring sufficient water supply for the crops of the Rabi, Summer seasons.

The coin, however is not without the other side. The set back suffered due to heavy flood havoc in Madurai, Ramanathapuram and Tirunelveli districts were being overcome with quick and more effective remedial measures, taken especially with reference to Agricultural sector.

The standing samba and thaladi paddy crops were submerged in water in certain regions of Thanjavur district. The late transplanted kuruvai paddy which got matured and about to be harvested also suffered badly in certain pockets.

Paddy fields were reported to be under water in some parts of South Arcot, Tiruchirappalli, Tirunelveli and Kanniyakumari districts for certain period during the time of continuous rains.

Transplation of samba paddy was almost completed in all the districts.

Sugarcane crop was being harvested extensively in South Arcot and Coimbatore districts. The harvest of Kuruvai paddy in Thanjavur district had been completed.

Groundnut crop was harvested extensively in Dharmapuri District. The out turn was normal.

The standing thalady and samba paddy were in good conditions in Thanjavur district.

With adequate water supply from Ponniyar reservoir the standing crops in Tiruchirappall District were coming up well. The standing crops in Salem District were better nourished with bounteous supply of water from Mettur Dam.

The supply of water from Peachiaparai and Perunchani reserviors in Kanniyakumari district and Lower Bhavani Project and Kalingarayan Channel in Periyar District had ensured conducive growth conditions of the standing crops in those regions and better results anticipated.

Severe frost winter season is now prevailing in the Nilgiris District during night time. It is feared that the standing crops particularly potatoes, tea, coffee and Vegetables will have a very bad effect on account of frost.

The condition of the standing crops in all other districts of the State is good.

INDUSTRIES.

Industrial production in Tamil Nadu increased by 12.3 per cent during the quarter ended September 1979 as the average general index increased from 159.8 in the quarter ended June 1979 to 179.4 in the Quarter ended September 1979. The increase in the General Index was mainly due to increase in cotton yarn, Railway wagons and Electricity Generated. The Mining Manufacturing and Electricity sectors, recorded an increase of 17.7 per cent, 9.3 per cent and 27.5 per cent rspectively.

Significant increases in production were noticed in respect of Magnestite, Cotton Yarn, Right Pressure Boilers and fittings, railway wagons and electricity generated.

However sizable decreases in output were observed in respect of Gypsum, Sugar (Refined), Varnishes, Paints and Ena mels, Tractors, Motor Cycles and Synthetic Gem Stones.

HANDLOOM.

The Production of Handloom Cloth in Tamil Nadu during the quarter ended September 1979 was estimated at 16, 14,31,000 metres as against at the 16,77,77,000 metres during the previous quarter; The decrease is just 3.78 per cent. This fall in the production of Hnadloom Cloth was mainly due to the Textile Mills, strike throughout Tamil Nadu during the quarter under leview. As a result there was spurt in yarn prices and weavers were not in a position to get enough yarn.

JOINT STOCK COMPANIES.

During the quarter ended December 1979, 8 public companies and 100 private companies were newly registered as against 7 public companies and 74 private companies during the previous quarter.

The total authorised capital of newly registered public and private companies during the quarter ended December 1979 was Rs. 1,245.99 lakhs as against 866.30 lakhs during the previous quarter.

During this quarter under review and as well as the previous quarter no company went into liquidation.

ELECTRICITY.

During the quarter ended December 1979 the generation of electricity was 2,062 million units as against 2,075 million units during the previous quarter.

The total consumption of electricity increased from 2,039 million units during the quarter ended June 1979 to 2,137 million units during the quarter ended September 1979.

During the quarter ended December 1979, 10,579 agricultural pumpsets were energised.

TRANSPORT.

During quarter ended September 1979 the total number of newly registered motor vehicles in Tamil Nadu was 7,147 as against 7,238 during the previous quarter.

INDEX NUMBERS OF WHOLESALE PRICES IN TAMIL NADU (BASE YEAR 1970-71=100).

The revised series of index numbers of wholesale prices in Tamil Nadu with base year 1970-71 has been published from the month of July 1979. The wholesale price index number in Tamil Nadufor the quarter ended December 1979 advanced by 5.84 per cent to 218.10 points as against 206.07 in the previous quarter.

CONSUMER PRICE INDEX NUMBER.

(BASE 1960 = 100).

During the quarter ended December 1979, the consumer Price Index Number advanced in all the centre, Madras City, Cuddalore, Tiruchirappalli, Madurai, Coimbatore, Nagercoil and Coonoor.

RURAL PRICE INDEX NUMBER IN TAMIL NADU.

(Base year 1970-71=100).

The revised series of rural price Index Number in Tamil Nadu is published from the month of July 1979. The rural price index number in Tamil Nadu for the quarter ended December 1979 increased by 7.95 per cent to 212.46 points. The corresponding index number for the previous quarter was 196.81.

CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES.

During the quarter ended December 1979 the Consumer Price Index Number for urban, non-manual employees advanced at all the centres, viz., Madras City, Madurai and Tiruchirappalli.

INDEX NUMBER OF PARITY.

(Base Year 1954-55-100)

During the quarter under review the index of prices received by the farmer moved down by 6.94 per cent to 402 points. The index number of prices paid by the farmer however moved up by 3.13 per cent to 658 points.

The index of parity also moved down by 10.29 per cent to 61 points.

TRADE.

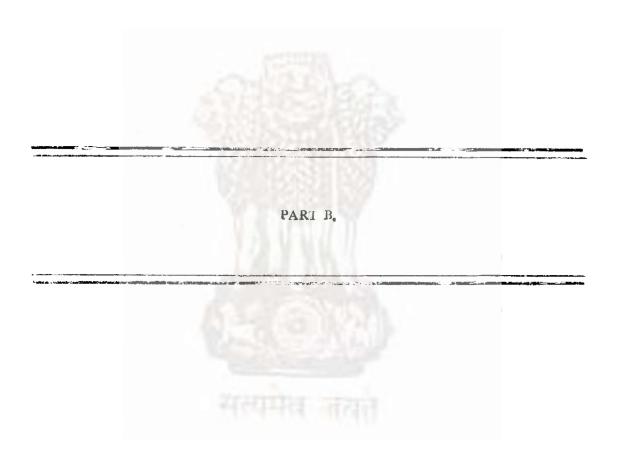
The total quantum of foreign trade through the ports in Tamil Nadu during the year 1978-79 was of the order of Rs. 1,555 crores, of which exports accounted for Rs. 652 crores and imports Rs. 903 crores. As compared with the year 1977-78, the exports and imports show an increase of 21 per cent and 85 per cent respectively.

EMPLOYMENT.

The total number of employment seekers on the live Register of Employment Exchanges at the end of Quarter ended December 1979, decreased by 0·1 per cent when compared with the previous quarter. The number of persons registered in the Exchanges during this quarter decreased by 27·8 per cent when compared with the previous quarter. The placements made through the employment Exchanges during this quarter increased by 10·4 per cent, when compared with the previous quarter.

LOCAL BODIES.

As on 31st March 1978 there were 2 Corporations, 3 Special Grade, 10 Selection Grade, 25 First Grade, 33 Second Grade, 25 Third Grade Municipalities and 8 Township Committees in the State.





STRUCTURAL CHANGES IN THE TOTAL QUANTUM OF FOREIGN EXPORTS THROUGH TAMIL NADU PORTS DURING 1960-61 TO 1977-78.

Foreign exports play a vital role in the economic growth of a nation. It is more so in the case of a developing country like India. Underdevel ped countries depend mostly upon the imports from other countries for capital formation and industrialisation. As the imports will have to be paid for only by exports, there is a plight among developing countries to increase the quantum of exports. In the following paragraphs, the changes that have taken palce in the total quantum of exports through the Tamil Nadu ports during 1960-61 to 1977-78 are discussed in detail.

- 2. There are 4 sea ports and two air ports through which imports and exports are carried on in Tamil Nadu. They are (1) Madras Port, (2) Cuddalore Port, (3) Nagapattinam Port and (4) Tuticorin Port and (1) St. Thomas Mount Air Port and (2) Tiruchinappelli Airport. The total quantum of exports—carried—through—these ports—increased from Rs. 63—c. ores during 1960-61 to Rs. 539 crores during 1977-78. The increase was quite gradual. The export doubled itself from Rs. 63 crores in 1960-61 to Rs. 130 crores during 1967-68. The increase was four-fold during 1972-73 (Rs. 252 crores) as compared to 1969-61 (Rs. 63 c cres). The Index number of exports for the year 1977-78 works out to 855 using 1960-61 export figures as base or 100.
- 3. It would be quite interesting to watch the figures of exports through Tamil Nadu ports as compared to All India Exports. The exports through Tamil Nadu Ports have increased in conformity with the All India exports, keeping the same pace of growth. The All India Exports increased from Rs. 640 crores during 1960-61 to Rs. 5,595 crores during 1977-78, the increase being 8-6 times during 1977-78 as compared to 1960-61. Similarly, the exports through Tamilarly Nadu ports also rose from Rs. 63 crores during 1960-61 to Rs. 539 crores during 1977-78 the increase being 8-5 times during 1977-78 as compared to 1960-61. It is also observed that there were no remarkable changes in the share of Tamilarly Nadu ports in All India Exports. The least contribution of Tamilarly Nadu ports All India Exports was 9-2 per cent during 1974-75 and the maximum share was 13-7 per cent during 1969-70. On the whole, the percentage contribution of Tamilarly Nadu Ports to All India Exports ranged between 9-2 per cent to 13-7 percent during the years 1960-61 to 1977-78.
- 4. The growth of exports through Tamil Nadu ports was considerable when compared with imports. The exports increased by 8.5 times during 1977-78 as compared to 1960-61 while the imports grew only by 5.1 times during the above period. The ration between exports and imports was 1:2;4 and 1:2.6 during 1966-67 and 1967-68 respectively. It was 1-2 during 1965-66 and 1968-69; 1:1.7 during 1964-65 and 1974-75; 1:1.6 during 1962-63; 1970-71 and 1971-72; 1.15 during 1960-61, 1962-63 and 1973-74; 1:1 during 1972-73, 1975-76 and 1976-77. During the year 1977-78 the ratio between exports and imports fell to the lowest level of 1:0.9 which mean the total quantum of exports was more than the total quantum of exports was more than the total quantum extends the year.
- 5. It is heartening to see that the exports through Tamil Nadu Ports have gained momentum from 1975-76. The exports increased from Rs. 302 erores dering 1974-75 to Rs. 452 erores, Rs. 522 erores and Rs. 539 erores during the year 1975-76, 1976-77 and 1977-78 respectively. During this period, the total quantum of exports has not only equalled with the imports also exceeded the total quantum of imports. The ratio between exports and imports was 1:1 during 1975-76 and 1976-77 and 1:0-9 during 1977-78. To sum up, a very conducive atmosphere is prevailing as far as the exports through Tamil Nadu ports are concerned.

IRRIGATION STATISTICS.

Talukwise data for North Arcot district.—Detailed Planning requires data not only at the district level as at present but also for lower administrative units. In view of the above aim, the data on irrigation on a Talukwise basis for North Arcot district are presented in the following pages.

Table No. I, Number Irrigation Sources by Taluks.—Gudiyatham taluk ranks first in the district with 346 Government canals followed by Tirupathuc which has 92 Government canals. There are no private canals in the district. Cheyyar has 32 tube wells and ranks first among the taluks followed by 19 tube wells in Arkonam taluk. Arcot taluk has only 3 tube wells. There are no tube wells in the remaining ten taluks.

Gudiyatham taluk tops in the list having the number of wells used for irrigation purposes with 34,738, followed by Tiruvannamalai taluk, which has 29,272 wells. Chengam taluk has, one Reservoir and no other taluk has Reservoir in the district.

Wandiwash taluk has 470 tanks and ranks first, followed by Cheyyar taluk which has 375 tanks and both account for 14.7 per cent and 11.8 per cent respectively in the district.

Table No. II, Talukwise net area irrigated and gross area irrigated.—Government canals, tube wells and ordinary wells are chief source of Irrigation in the district. Among them ordinary wells ranks first, which accounts for 1,37,226 hect res of net area irrigated, followed by anks, which irrigates an area of 98, 313 hectares. The net area irrigated by tube wells in the least being only 1,163 hectares. Cheyyar taluk leads in area irrigated more than once, i.e., 17,243 hectares, which account for 21.9 per cent.

TABLE NO . 1.

NUMBER OF IRRIGATOIN SOURCES BY TALUKS.

Number of irrigation Sources. Taluk. Other wells used for irrigation purposes only. Government Private Tube canals. canals. wells. Non-L Masonray. Masonary. Total. (5) (3) (4) (6) (1) (7) (2) 67 1 Vellore .. 15 3 2 Arcot . . 9 3 Walaja ... 60 15 19 7 2 11 4 Arakonam 32 38 5 Cheyyar 16 6 Arni 3 9 1 10 7 Wandiwash 10 53 53 \$ Tiruvannamala 9 Polur 34 42 48 10 Chengam 43 17 23 5 92 1 Tirupathur 22 12 Vaniambadi 346 . . 13 Gudiyatham • • 16 748 54 146 District Total 162

Teluk. ————————————————————————————————————	otal strict.
Emph in the m	SITICE
1 Vellore) [
2 Arcot 19,307 1,961 21,268 21,268 7-	5
8 Walaja 14,967 3,376 18,343 18,358 6.	5
4 Arakonam 10,380 2,128 12,508 12,519 4-	5
5 Cheyyar 15,914 3,841 19,755 19,755 7.	l
6 Arni 8,507 5,463 13,970 13,970 5)
7 Wandiwash 22,105 3,093 25,198 25,208 9-0)
8 Tiruvannamalai 25,857 3,362 29,219 29,272 10:	3
9 Polur 12,776 735 13,511 13,511 4-	;
10 Chengam 21,180 1,642 22,822 22,864 87	2
11 Tiruppthur 12,129 8,478 20,607 20,629 7.	i.
12 Vaniayambadi 19,423 7,072 26,495 26,504 9.	5
13 Gudiyatham 26,798 7,940 34,738 34,738 12:	Ş.
District Total 2,27,683 50,473 2,78,156 2,78,318 100	ō

TABLE No. 1-cont.

			Wells	Wells not in	Reservoir	-	Tanks.		Percentage of number	
Taluk.			domestic purposes	use.	,	With Ayacut of A 100 acres and more.	With lyacut less than 100 acres	Total.	of tanks in each taluk to total in the district.	
(1)				(13)	(14)	(15)	(16)	(17)	(18	(19)
1 Veliore				2,201	1,382		34	83	117	3*7
2 Arcot	••	••	••	2,188	1,506	••	83	72	155	4-9
3 Walaja	••	••	• •	3,151	2,579	• •	67	199	266	8:3
4 Arakonam	••		••	3,211	1,879	••	104	183	287	9.0
5 Cheyyar	••	••		7,895	1,219	••	208	167	375	11.8
6 Ami	••	••	••	3,988	76 5	••	103	149	252	7•9
7 Wandiwash	••	• •	• •	23,185	3,105	• •	105	365	470	14-7
8 Tiruvannama	lai			2,563	834		65	278	34 3	10.8
9 Polur	••	• •	• •		828	••	45	180	225	7-1
10 Chengam	••	• •		1,405	2,174	1	52	176	228	7:1
11. Tirupathur	••	• •	• •	6,196	737	••	23	226	249	7.8
12 Vaniyambadi			• •	4,389	853	• •	4	93	97	3.0
13 Gudiyatham	٠		• •	7,803	2,102	••	34	91	125	3.9
District	Total	••	. **	68,175	19,963	1	927	2,262	3,189	100-0

TABLE No. II

TALUE WISE NET AREA IRRIGATED AND GROSS AREA IRRIGATED IN 1975-76.

(Area in hectares.)

		Net area Irrigated by								
Taluks.	Govern- ment. canals.	Private canals.	Tanks.	Tube wells.	Ordinary wells.	Other sources.	Total Net area irrigated.	irrigated more than once.		
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1 Vellore	 789	• •	874		13,459	397	15,519	333		
2 Arcot	 1,708	• •	6 ,0 97	1	4,312	720	12,838	6,723		
3 Wala ja	 2,567	• •	4,630		5,870	12	13,079	4,862		
4 Arakonam	 622		15,514	97 7	9,311		26,424	16,969		
5 Cheyyar	 993		16,134	185	6,459	243	24,014	7,243 د		
6 Arani	 196	* *	4,198		4,416	731	9,541	7,327		
7 Wandiwash	 * *	* *	24,786		5,815		30,501	••		
8 Tiruvannamalai	 3,338		6,903		17,824	٠.	28,065	••		
9 Polur			8,992		17,648	208	• 26,848	8,715		
10 Chengam	2,837		3,728		10,302		16,867	8,562		
11 Tirupathur	582		3,499		8,750	88	12,919	4,149		
12 Vaniyambadi	2,297		1,343		11,851	225	15,716	3,892		
13 Gudiyatham	3,436	* *	1,615		21,209	• •	26,260			
District Total	 19,365	* *	98,313	1,163	1,37,226	2,624	2,58,691	78,775		

	Taluks.				Gross Area -		tage for a		Percentage for each taluk to district.				
	Taluks.					area — îrrigated.	Govern- ment canals.	17.17	Wells (sole- igation)	Other sources.	Total net area irri- gated.	Area irri- gated more than once.	Gross area irri- gated.
. 1	Vellore .				* 7	(10) 15,851	(11) 4·1	(12)	(13) 9·8	(14) 15·1	(15) 6·0	(16) 0·4	(17) 4·7
2	Arcot .		,			19,561	8.8	6.2	3.1	27-4	5.0	8.5	5.8
3	Walaja .					17,941	13-3	4.7	4.3	0.5	5-1	6.2	5.3
4	Arakonam .		, ,			43,393	3.2	15.8	6.8		10.2	21.5	12.9
5	Cheyyar .		• •			41,257	5.1	16.4	4.7	9.3	9.3	21-9	12-2
6	Arani .					16,868	1.0	4.3	3-2	27.9	3.7	9.3	5.0
7	Wandiwash					30,631		25· 2	4.2		11.8		9.1
8	Tiruvannama	lai				28,065	17-2	7.0	13.0		10.8	• •	8.3
9	Polur					35,563		9.1	12-9	7.9	10.4	11.1	10.5
10	Chengam .			-		25,429	14.7	3.8	7.5		6.5	10.9	7.5
11	Tirupathur		• •			17,068	3.0	3.6	6.4	3.3	5.0	5.3	5.1
12	Vaniambadi					1 9,6 08	11.9	1.4	8.6	8-6	6.1	4.8	5.8
13	Gudiyatham			• •		26,260	17.7	1.6	15.5	••	10.1		7.8
	District To	tal				3,37,466	100.0	100-0	100.0	100.0	100.0	100.0	100-0

III. UNEMPLOYMENT AMONG TEACHING GRADUATES IN TAMIL NADU-

Object of the survey.—The bject of the survey are to assess (i) the proportion of employed persons among the teaching degree holders in Tamil Nadu who were registered with employment exchanges, (ii) characteristics of unemployment of registrants in the employment exchanges and (iii) the utilisation pattern of employed job-seekers registered in Employment Exchanges and the extent of unemployment and under employment among them.

The study covers on a sample basis all the B.T., B.Ed., M.Ed., degree holders borne on the Live-Registers of the Employment Exchanges in Tamil Nadu as on 31st December 1976.

Sampling Technique and sample size.—A startified unistage random sampling technique was adopted for the survey, where the districts formed the strata and the B.T., B.Ed. or M.Ed. degree holders registered with the Employment Exchanges formed the sampling unit. There were 7,412 graduates on the Live-Registers of the Employment Exchanges including University Employment Information and Guidance Bureau as on 31st December 1976. A 10 per cent sample in each district was selected for the State as a whole 740 graduates were selected for the conduct of the survey.

Results of the survey - The proportion of the teaching graduates job-seekers was found to be higher in the districts of Madras, North Arcot, Coimbatore and Kanniyakumari (constituting about 10—12 per cent of the registered) as per the Live-Register figures of the Employment Exchanges in the State. The lowest percentage of the job-seekers is found in the districts of South Arcot, The Nilgiris and Pudukkottai.

Out of 619 graduates who responded for the survey, 135 constituting 22 per cent of the total, were already in some jobs or other. The percentage of employed job-seekers were more predominent in the districts of Tiruchirappalli and Chengalpattu. An analysis of the employed teaching graduate job-seekers reveals that 75 per cent of them are in teaching profession while nearly 25 per cent of them are in non-teaching profession.

Distribution of job-seekers by age and sex.—It is observed that, nearly 61 per cent of the registrants were in the age group of 25-29, 24 per cent come under the age group of 20—24 and remaining 15 per cent come under the age group of 30 and above. Considering the registrants, who were actually unemployed, about 51 per cent of the job-seekers are men and 49 per cent are women and that of the employed job-seekers the percentage of men being 64 per cent and that of women 36. The maximum percentage comes in the age group of 25—29 followed by 30 per cent in the age group of 30 and above and the remaining 11 per cent in age group of 20—24.

Distribution of job-seekers by Community and marital status.—Seventy per cent of the job-seekers belong to backward Communities 5 per cent either Schedule Caste or Scheduled Tribes and the remaining 25 per cent in other category.

Among the Backward Communities 55 per cent were men and 45 per cent were women, whereas in the category of Schedule Caste/Scheduled Tribes, 65 per cent were men and 35 per cent were women. 56 per cent of the total job-seekers were never married and 44 per cent were married job-seekers.

Activity status of Registrants.—It is observed that out of the teaching graduates who obtained B.Ed., degree, only 1 per cent go in for post-graduation. Of the teaching job-seekers, 47 per cent are women.

Considering the B.Ed. degree holders alone it is noticed that 14 per cent of the registrants employed are men and 7 per cent are women. Of the registrants (B.Ed.), who are actually unemployed 42 per cent are men and 37 per cent are women.

Employment of job-seckers in different sectors.—Fifty two per cent of employed job seekers were in private sector. 30 per cent in State Government, 13 per cent in local bodies and 4 per cent in the State Quasi Government. Only one per cent of the teaching graduate job-seekers were self-employed.

Distribution of employed registrants by monthly earning.—The monthly earnings of teaching graduates varied widely with 14 per cent in the income range of below Rs. 200, 9 per cent in the income range of Rs. 200—300, 22 per cent in the income range of Rs. 400—500 and 16 per cent in the income range of Rs. 500 and above. Nearly half of the employed teaching graduates were getting a monthly earning of below Rs. 400.

Number of calls received for interview - The teaching graduates, who have registered before 31st December 1970, had been on the Live-Register substantially for a longer duration of 2 to 5 years and in certain cases even up to 6 years to get the first call for interview. It is observed that there are registrants who have not secured job even after attending 4th call.

Time Lag in getting employment.—It is observed that nearly 9 per cent of the employed job seekers got their employment only after a period of 4—7 years. 16 per cent get their job within a period of one year and that nearly half of the employed job-seekers had to wait for 1 to 3 years.

A higher proportion of men got their employment in a shorter period than women regist rants. About 1/5 of women employed job-seekers had to wait for more than 5 years as against 4 per cent in the case of men job-seekers. On an average women waited for 3 months more than the male job-seekers to get jobs.

Preference of unemployed job-seekers.—An analysis of the data, on the teaching graduate job-seekers to take up teaching profession was also made. Nearly 69 per cent of the job-seekers expressed their willingness to take up teaching profession and 31 per cent for non-teaching prefession. From those who desires to go in for teaching profession 53 per cent were men and 47 per cent were women. Among those who wished to go in for non-teaching profession 54 per cent were men and 46 per cent were women.

Mobility of un-employed graduates—47 per cent of the job-seekers expressed their willingness to serve in the State, among those who expressed their willingness to serve in the State, 47 per cent were women and 53 per cent were men. 24 per cent of the unemployed job-seekers were prepared to accept job anywhere in the country and among this 77 per cent were men and 23 per cent were women. 20 per cent of the un-employed job-seekers desired to take up placements within their districts and among those who opted this 30 per cent were men, 70 per cent were women.

About 9 per cent of the unemployed job-seekers opted to serve any where or even outside the country and among them 81 per cent were men and 19 per cent were women.

PART-C.



SELECT ECONOMIC INDICATORS.

	1. Popi	JLATION GRO	WTH'			
Item	1941.	1951.	1961.	1971.	1978@	1979.@
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Pepulation	263	301	337	412	455	461
2 Decadal variation (per cent)	11.91	14.66	11.85	2 2·30 (s	10-43 ince 1971)	11·8 (1971)
3 Index of population (1901 = 100)	136	156	175	214	236	239

@ Estimates based on Expert Committee projections.

2. INDEX NUMBER OF	AGRICULTURA	AL FCONOMY.	(Triessium coded 1/69-70=100)						
	1973-74.	197475.	1975-76.	1976-77.	1977-78.	1978-79,			
(1)	(2)	(3)	(4)	(5)	(6)	(7)			
Index of area under crops	107.0	93.3	101-3	99.0	108-1	110-3			
Index of production	138- 2	103-9	129-5	123-2	142-4	151-9			
Index of yield	122 2	104-4	126.7	121-5	126-7	132-9			
Index of net area sown	102.7	92-3	99-6	99-9	104-7	104.7			
Index of cropping intensity	104.2	101-1	101-7	99-1	103-2	105-3			
Index of produtivity per hectare.	134-6	112-6	130-0	123-3	136·C	145-1			

103.9

103-6

adex of cropping pattern

3. Index Numbers of Wages Paid to Certain Categories of Agricultural Labourers.

(Base Year 1960=100)

	Vani	1 Camab			Field lubourers.			Te	ending cat	tle.	Other agricultural labourers			
	Year Month.				Men.	Women.	Non- adults.	Men.	Women.	Non- adults.	Men.	Women.	Non- adults	
	()	(1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
197	4	• •			322	296	341	239	236	281	292	259	326	
197		• •			405	391	418	344	345	361	376	338	377	
197	6				384	381	406	336	336	359	386	346	394	
197	7	• •			395	398	439	333	316	361	39 8	353	420	
197	8	• •	••		417	415	455	327	322	366	421	358	435	
197	9_													
	January				413	428	476	307	325	411	431	36 2	477	
	Pebruary				427	435	483	288	325	407	439	3 6 0	478	
	March				436	442	476	294	325	380	440	379	486	
	April				447	440	496	305	325	395	448	378	490	
	May				439	430	498	344	325	393	446	392	493	
	June				447	437	476	316	325	395	448	402	477	
	July	• •	• •		457	464	496	272	273	420	480	439	499	
	August			• •	466	476	509	308	273	421	480	444	483	
	September				481	513	556	306	273	421	486	445	490	
	October		• •		505	536	584	361	260	489	509	471	514	
	November	- •		• •	497	539	572	366	260	469	515	485	532	
	December		• •	* *	495	537	602	382	260	466	515	486	5 30	

17

4. INDEX NUMBERS OF INDUSTRIAL PRODUCTION

Base: 1970=100

			1971.	1972.	1973.	1974.	1975.	1976.	1977	1978-
	(1)		@ (2)	@ (3)	(4)	(5)	@ (6)	(7)	(8)	(9)
General Index		 	 119.7	121.7	117.0	128-1	128-0	137-6	140-5	164-1

@ Estimated.

5.INDEX OF HANDLOOM PRODUCTION.

(Base: 1970-71=100.)

1976-77. 1977-78. 1978-79.
(7) (8) (9)
107.27 101.65 107.82
108·35 103·62 108·25
137-08 109-27 114-67
137.98 131.59 124.71
110-35 103-48 108-99

6. INDIM REPUBLISHED OF WHOLFSALF PRICES

(Case year 1970-71-100.)

Serial number and group.	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)
1 Primary Articles	. 183.05	171-24	187-73	190-91	203-47
(i) Food articles	. 205-12	177-88	191 •10	198-97	210.03
(ii) Non-food articles	. 147.03	160 ·09	182 ·66	178-25	19 3 ·56
(ii) Minerals	. 176-38	176-38	176-38	176-13	181.52
2 Fuel, power and light	. 172-94	185.78	186-05	185 ·95	216-68
3 Vianalactured products		159-11	167.85	1 70·66	193-12
. All a mmodities Index	171-02	166-37	178 ·87	181-83	199-34

Nore.-- Revised series from July 1979 enwards With 1970-71 as the base year.

7. CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(Base: 1960=100).

C	entre.		1974	1975	1976	1977	1 97 8
	(1)		(2)	(3)	(4)	(5)	(6)
Madras City		 	281	325	283	306	316
Cuddalore		 	296	325	289	320	329
Tiruchirappalli		 	329	372	313	335	358
Madurai			306	352	296	328	335
Coimbatore			282	331	300	317	323
Nagercoil .			339	390	330	344	363
Coonoor		 	307	314	295	312	321

8. ALL INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

(Base: 1960 = 100).

		1974	1975	1976	1977	1978
All India average consumer index number.	price	304	321	296	321	329

9. CONSUMER PRICE INDEX NUMBERS FOR URBAN NON-MANUAL EMPLOYEES.

			(Base	1960 = 100).			
Cen	tre.		1974	1975	1976	1977	1978
	(1)		(2)	(3)	(4)	(5)	(6)
Madras City		 	275	310	292	307	319
Madurai		 	264	306	285	291	29 9
Tiruchirapalli			273	313	282	306	314

10. INDEX NUMBER OF RURAL PRICES.

(Base year 1970-71=100).

Serial number		ton.ii	y.	Test.	Facis an l lighting	Clothings.	Mizeellanzous	Composit Index.
(1)		(2	9	(3)	(4)	(5)	(6)	(7)
		197	y .					
1	July			 191-73	239-99	187-11	186-17	194-22
2	August			 i94·15	225.57	185-2i	187-18	195.40
3	September			 195 51	231-85	187-40	189-32	196-81
4	October			 195 ·00	239-53	192-04	188-71	197·6 7
5	November			 203-59	248.79	195-19	196-34	205.53
6	December			 210-61	261.57	200.19	198-83	212:46

⁴ orn. -- Revised series from July 1979 onwards, with 1970-71 as the base year.

11. INDEX NUMBER OF FARFTY.

(1954-55=100)

Item.	1975	1976	1977	1978	1979
(1)	(2)	(3)	(4)	(5)	(6)
Index Number of Prices Received by the farmer	501	378	411	363	392
Index Number of Prices paid by the farmer	553	507	539	547	607
Index of parity	91	75	76	66	65

12. INDEX NUMBER OF TOTAL VALUES OF FOREIGN IMPORTS AND EXPORTS

(Base-1970=190)

		Year	·,			1974-75	1975-76	1976-77	1977-78	1979-80
		(1)				(2)	(3)	(4)	(5)	(6)
Imports		 	• •	• •	• •	 190	163	200	180	333
Exports		 				 181	270	313	322	390

13. INDEX NUMBERS OF EMPLOYMENT 1979 (1960-100)

Item.			1977.	1978.	1979.
(1)			(2)	(3)	(4)
1. No. of persons registered during the period (year)	••	••	197-1	206-2	207-4
2. No. of persons placed on Employment during the year	••	••	73-3	91-3	148-8
3. No. of persons on the Live Register at the end of the year		••	719-0	744-5	749-2

14. Index numbers of net state domestic products of tamil nadu by industry of origin (At current prices

(Base 1970-71 ⇒ 100)

	Se	ctor.				1970~71.	1971-72.	1972-73.	1973-74.	1974-75.
		(1)				(2)	(3)	(4)	(5)	(6)
1 Primary					٠.	100	118-27	120-21	153-88	141-31
2 Secondary						100	108-91	119-50	134-82	176·8 6
3 Tertiary		••	٠			100	113-91	122-58	146.09	160-13
(i) Transpo	rt Con	munic	ations	& Trad	le	100	115-12	122.88	153-92	165-36
(ii) Financ	e & Re	al state				100	115-62	130-14	145-65	165-95
(iii) Comm	unity a	nd Per	sonal S	Servic e s	٠.	100	110-33	117-41	129-72	145-53
				Total		100	114-41	120-82	146-39	156-70

	Se	ctor.				193	75 - 76.	1976-77.	1977-78.	19 7 8-79.
	(1)					(7)	(8)	(9) PRLY	(10) QE
1 Primary	• •						120-03	139-47	148-92	172-67
2 Secondary	٠.						185-13	211-25	244-62	275-60
3 Tertiary		• •	- •	• •			168-01	189.78	209.85	229-85
(i) Transpo	rt Con	munic	ations	& Trac	le		165-38	195-95	219-32	240-24
(ii) Financ	e & Re	al state	e		• •		198-95	217-54	238-41	261-40
(iii) Commi	anity ar	nd Pers	onal S	crvices	s		155-01	160.05	172-64	188-89
				Tot al		بالهاب والمستعدد	152.76	174-69	193-82	218-16

QE=Quick Estimates

PRLY = Preliminary Estimates.

15. INDEX NUMBERS OF NET STATE DOMESTIC PRODUCT OF TAMIL NADU INDUSTRY OF ORIGIN AT CONSTANT (1970-71) PRICES.

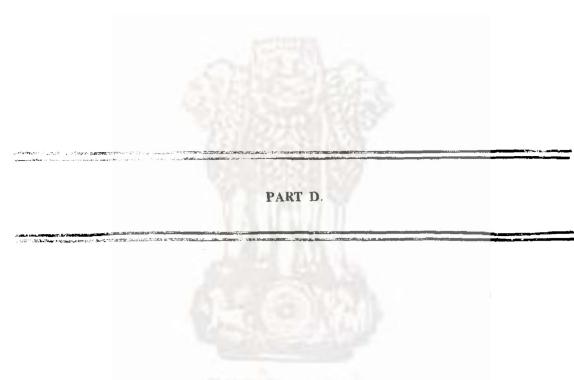
Sector	197071.	1971-72.	1972-73.	1973-74.	1974-75.
(1)	(2)	(3)	(4)	(5)	(6)
1 Primary :	100	106-95	104.34	114-25	83.84
2 Secondary	100	102.73	105.02	100.75	103-40
3 Tertiary	100	104.80	107-61	113.39	105-82
(i) Transport, Communication & Trade	100	105-19	107 ·72	114-22	98-61
(ii) Finance & Real Estate	100	109-85	116-04	116.08	116·0 1
(iii) Community & Personal Services	100	100-95	102-34	110-01	114-99
					
Total	100	105-15	105-61	110-51	96-04

Sector.	1975-76.	1976–77.	1977- 78. PRLY	1978–79. QE
(1)	(7)	(8)	(9)	(10)
1 Primary	101·05 106·28	95·13 114·18	110·84 123·74	124·30 139·98
3 Tertiary	117:47	119.03	129.18	139-85
(i) Transport, Communications & Trade	113-30	112-53	123.99	135-19
(ii) Finance & Real Estate	127·7 3	137-18	147-33	156-96
(iii) Community & Personal Services	120-17	121-94	129-31	135-74
Total	107-89	108-01	120-29	133-18
			-	

Q.E. - Quick Estimates.

PRLY.= Preliminary Estimates.







I. CLIMATE AND RAINFALL.

RAINFALL.

Daily rainfall data are collected every monthin respect of 420 raingauge stations spread over Tamu Nadu, maintained by the Revenue Department, Public Works Department, Forest Department and Southern Railway for the State as a whole, the rainfall was excess by 120 per cent in November 1979 compared to excessive rainfall of 26 per cent in November 1978. But State received deficient rainfall of 41 per cent less than normal in December 1979. Compared to the excessive rainfall of 153 per cent in December 1978. All the districts received good rain in November 1979. For the North east Monsoon, State recorded 31 per cent above the normal rainfall, while it was 30 per cent for the same session of the previous year.

Due to frequent occurrences of low pressure area during this season moist-weather prevailed over the State. Due to depression the monsoon was very vigorous in November resulting heavy rainfall which caused floods in many districts.

Due to heavy rains some rivers were flooded causing damage to lives and crops. The details are furnished as follows:—

In Madras, 3 Major drinking water sources Poondi, Red Hills and Cholavaram were full and the city may not have water scarcity in 1920. In North Arcot, there was flood in Palar and Cheyyar rivers during November 1979. 12 persons died due to heavy rains. In South Arcot about 21, 000 acres of Paddy crops were completely damaged with floods. Due to floods in many taluks of Periyar. District heavy damages were reported. On 14th November, water from lower Bhavani dam was let out. In the Nilgiris district heavy rains caused land slips, damages to road, properties and standing crops. Persons lost their lives in Coonoor taluk due to landslips 3 an ing Samba and Thaladi Crops in about 70,000 acres was submerged in Thanjavur district. In Tiruchirappalli district due to ince sant and heavy floods in Antravathi, Nanganji Kudaganur rivers and other jungle streams parts of Karur, Kulithalai, Lalgudi and Udayar Palayam taluks and the entire taluk of Tiruchirappalli were effected. Breaches occurred in several tanks inundating both wet and dry crops. Breaches occurred in 54 mater and 35 minor irrigation tanks. More than 200 villages were affected. In Madarui district there were fixed in the tract of Yaigai river causing damages to huts and cashs and about 4,000 acres of land were rendered useless by sand casting heavy rains and floods in Valgai river caused extensive damage to standing crops and paddy in Ramanathapuram district. More than 1,000 tanks were breached Relief operations were carried out on a war footing utilising the services of army, boats and helicopters. In Tirunelveli district, when water level of Manimethar Damageded 108 first an emergency was declared by Public Works Department to vacate the Public from low level areas. Due to floods, Paddy seedling, Plantain, Bet Ivines and dry crops were damaged. Road communication Tourwean Tirunelveli and Trunchendur was distripted. Flood waters washed away Rs. 23 lakh bridge under contraction actives. Tamiraparani. In Kanniyakumari districts due to breaches in Thamaratkulam

North east monsoon period (October to December).

District .						Octob	ber.	November.		
ASGREE .						@Normal.	Actual.	@Normal.	@Normal. Acti	
	11				(2)	(3)	(4)	•	(5)	
Madras		•			.,	305-8	138-3	35	0.3	629.7
Chengalpattu	• •				• •	260.5	152.4	30	4.9	526.7*
South Arcot	* •					215.9	201-9*	27	7.3	537-4*
North Arco!	٠.		-			166-2	86.1	15	8.4	386.9
Salem	÷.• •	* *				162.0	69.3	10	7.6	2 73·8
Dharmapuri		,		• .		158:4	49.8	9	8.8	211.7
Periyar				٠,	••	168.0	117-6	11	2.7	234-0
Coimbatore	٠.			# A		175.7	159-2	12	129.7	
Tiruchirappalli			٠.			183-1	137-9*	14	149.7	
Pudukkottai		1.1				157-6	147.5	15	153-7	
Thanjayur		1 +	• •			203-1	179-4	30	309-4	
Madurai	٠.					190-9	142-9	15	159-5	
Ramanathapuran	n	c .				181-5	134.7*	18	5.6	461.5*
Tirunelveli	• -					166-0	186.6	20	208:2	
Kanniyakumari	٠.	0.				259-1	213-3	23	232.7	
The Nilgiris	* *					253-1	199-8	18	188-1	
STATE						186.0	137-1*	183-5		406-3*
	D_i	istrict.				Dece	mber.	Total.		Percentage variation
					_	@Normal.	Actual.) Normal.	Actual.	from
						()-10/11111		<i>y</i> . 10,	22019-11	normal.
		(1)				(6)	(7)	(8)	(9)	(10)
Madras						139-2	88.6	795-3	856-6	+7.7
Chengalpattu	٠.	• •				125.6	59.5*	691.0	738-6*	+6.9*
South Arcot	• •	• •				134-6	58.0*	627.8	797-3*	+27.0
North Arcot	٠.	• •			• •	60.9	18.2	385.5	385.5 491.2	
Salem	٠.				4 >	33.5	11.0*	303·1 3 54·1*		+16.8*
Dharmapuri	• •	• •				33.7	9.9*	290 · 9	271-4*	-6.7*
Periar	• •	- •	• •	••		32.7	25.8	313.4	377-4	+20.4
Coimbatore	••	• •	• •	• •		43.4	20.1*	348.8 665.2		+90.7*
Tiruchirappalli	• •	••	• •	• •	• •	86.4	28.3*	419-2	504.7*	+20.4*
Pudukkottaí	• •	• •	• •	• •		82.8	73.0*	394·1 5 65·4°		+43.5*
Thanjavur	٠.	• •	• •	• •	••	168-1	153-4*	680-6	794-8	+16.8*
Madurai	• •	••	• •	••	• •	58.6	11.5*	409-0	615-2*	+ 50.4
Ramanathapuran	n	• •	٠.	••	• •	87-5	66.4*	455.5	662-6*	+45.5*
Tirunelveli	٠.	••	••	• •	• •	111.6	91.8*	485.8	859-3*	+76.9*
Kanniyakumari	• •	••	• •			72.2	83.2	564-0	645.8	+14.5
The Nilgiris	• •	••	• •	• •		72.4	53-6	513.6	768 ·6	+49.6
STATE	••		• •			80.2	47.0*	449.7	590-4*	+31.3*

[@]Average of 50 years rainfall ending 1950.

WATER SUPPLY.

During the first month of this quater water supply was adequate in the state except in South Accot North Arcot, Raman thaparana, Tiruneveli. Dharmapuri and the Nilgiris districts. The State felt the impact of heavy North East Monsoon cain in November 1979 and the water supply was adequate in all districts. All the rainfed tanks and irrig tion sources were full particularly in Southern dry districts of Ramanathapuram and Tirunelveli. In all the rivers, water was flowing.

Due to the onset of North East Monsoon rains, the water level in all the reservoirs of the State steadily increased and reached the maximum level. During November, 1979, in Manimuchan Reservoir the water level was 108 feet, and an emergency was declared by the Public Works Department. The water levels in Papanasam and Manimuthar rose up to 27 feet, and 18 feet respectively by the heavy rains between 8th November 1979 and 12th November 1979. The first flood warning went to Kerala and Periyar Reservoir level rose to 143 feet on 12th November 1979 just 2 feet below the maximum, recommended by the Central Water of Power Commission. The biggest reservoirs in Coimbatore district, Parambikulam and Amaravathi were full, while the lower Bhavani started surplussing. It is good year of rainfall so far as irrigation sources are concerned.

1.2. WATER LEVELS IN THE SELECTED RESERVOIRS.

(IN METRES).

	Name of	the Re	servoir.				Full depth. in metres)	Level as on 6th October 1979.	Level as on 27th Octo er 1979.	Level as on 3rd November 1979.
		(1)					(2)	(3)	(4)	(5)
Red Hills							5.85	3.56	3.42	3-50
Sholayarara							5.44	1.57	0.72	0.85
Poondi				٠.		٠.	10.06	5-44	5.36	5-35
Sathanur						٠.	35-27	5.15	35.66	35,66
Wellington	* *		٠.				8.60	35.66	4.13	3.92
Valgai							21-64	7-84	10-95	13-34
Periyat		.,					14-63	10.20	10-30	10.18
Papanasam			٠.		٠.		45-11	16-60	22.42	25.18
Manimuthar	• •						35-97	20-17	23-18	24-51
Bhavani	.,					• •	32.30	30-51	30.63	31.05
Amaravathi							33.53	30.28	27.72	28-29
Stanley							36.58	33-60	30.79	31-85
Krishnagiri							15.85	15-51	15.70	15-67
Pechiparai							14.63	4.39	5-18	6.16
Perenchani	•						23-47	10-59	11.72	15-01

1.2. WATER LEVELS IN THE SELECTED RESERVOIRS.

(IN METRES).

	Name of the	e Reser	voir.				Level us on 24th November 1979.	Level as on 1st December 1979.	Level as on 29th December 1979.
							(6)	(7)	(8)
Red Hills							5.57	5-73	5-67
Sholavaram			••			• •	5·14	5-24	5.42
Poondi			••				9.75	9.94	10.06
Sathanur	• •		••				35.66	35.66	36.25
Wellington				••			8-23	8-35	8.53
Vaigai	••			• •			20.69	21-06	21.33
Periyar		* *			• •		11.73	11.70	9.20
Papanasam	* *						41.39	42-67	44.71
Manimuthar							35*60	35.66	35.66
Phavani							31-29	31-37	30-25
Amarayathi	,				ı		32-64	33.34	32-69
Stanley							35.45	36.41	36·3 5
Krishnagiri		1					15.64	15.85	15.82
Pechipara							4-69	11-53	11-57
Peruncham							11-51	20.66	19-69

II. AREA AND POPULATION.

Tamil Nadu occupies the eleventh rank among the States in India in regard to size with an area of 130,069 sq. km.

As regards population, Tamil Nadu ranks fifth among the states in India. According to Census 1971 the population in Tamil Nadu is 41,199,168 of which 50.6 percent are males and 49.4 percent are females. 28,734,334 persons or 69.7 percent of the population are in rural areas and the remaining 12,464,834 persons or 30.3 percent are in urban areas.

Of the total population 14,741,967 persons (35.8 percent) are classified as workers and 26,457,201 persons (64.2 percent) as non-workers. Among the workers 11,667,065 (79.1 percent) are males and 3,074,902 (20.9 percent) are females.

Literates from 39.5 percent of the total population (16,256,393 persons) as against 31.4 persent in 1961. Madras city has the highest percentage of literacy viz., 62.01 while Dharmapur, districts has the lowest percentage viz 22.3.

According to census 1971, the density of population in Tamil Nadu worksout to 317 per sq. km. Madras City has the highest density of population viz., 19,293 while Dharmapuri distir c has the lowest density of population viz., 174.

The population of Scheduled Castes and Schedules Tribes in Tamil Nadu is 7,627110 forming 18.51 percent of the total population 7,315,595 persons belong to Scheduled Castes and 311,515 persons are Scheduled Tribes, Chengalpattu district has the largest percentage of these two classes of peoples i.e. 27.22 while Kanniyakumari district has the lowest percentage of Scheduled Castes and Scheduled Tribes i.e. 4.12.

2.1. AREA AND POPULATION BY DISTRICT;

As per census 1971.

								Area.	
		Dist	rict Sta	ite.			Total.	Rural.	Urban.
			(1)				(2)	(3)	(4)
1	Madras					 - 1	128.0		1 2 8·0
2,	Chengalpattu					 	7,920.0	7,219.0	64 1·0
3	North Arcot	. 1				 	12,265.0	12,026.6	238-4
4	South Arcot				. ,	 , .	10,898-0	10,659· 6	238.4
5	Tiruchirapalli					 	11,114-3	10,769-0	345-3
6	Padukkottai					 	4,649-9	4,594.5	55.4
7	Thanajvur					 	8,261.8	7,943-6	318-2
3	Madurai					 	12,626.0	12,168.0	461.0
4	Ramanathapuram					 . •	12,578.0	12,176.9	401-1
10	Tirunelveli					 	11,433.0	10,673.7	759-3
11	Kanniyakumari					 	1,684-0	1,641.2	42.8
12	Salem					 	8,643.0	8,291.9	351-1
13	Dharmapuri					 	9,643.0	9,575-4	67.6
14	Coimbatore					 	13,673-0	14,733.0	939-2
15	The Nilgiris	4.				 • •	2,549.0	1,642.5	906-5
				STAT	'E	 	1,30,069.0	1,24,175.5	5 ,893 .5

2.1. Area and Population by Districts—cont.

As per census 1971.

	Distr	ict St	ate				Population,				
	2.57	101	use.					Total.	Rural.	Urban.	
			(i)					(5)	(6)	(7)	
t	Madras							2,469,449		2,469,449	
2	Chengalpattu							2,907,599	1,896,909	1,010,690	
3	North Arcot	. •		. •				3,755,797	2,972,702	783,095	
4	South Arcot							3,617,723	3,104,726	51 2, 997	
5	Tiruchirapalli	* •						3,192,134	2,433,755	758,379	
6	Pudukkottai							947,351	832,372	114,979	
7	Thanjavur	٠.			4.4	- +	, ,	3,550,063	2,778,375	771,688	
8	Madurai						. •	3,938,197	2,614,003	1,324,194	
9	Rammathapuram				• •			2,860,207	2,113,545	746,662	
10	Tirunelveli							3,200,515	2,171,019	1,029,496	
11	Kanniyakumari						- •	1,222,549	1,018,144	204,405	
12	Salem						4.9	2,992,616	2,197,234	795,382	
13	Duarmapuri							1,677,775	1,533,834	143,941	
14	Coimbatore							4,373,178	2,816,936	1,556,242	
15	The Nilgiris							494,015	250,780	243,235	
				STATE	2			41,199,168	28,734,334	12,464,834	

2.2. GROWTH RATE, DENSITY, SEX RATIO AND LITERACY.

As per census 1971

	Dis	trict si	iale.					Decinnlial Growth Rate.	D ens ity per Sq. K m.	Number of females Per 1000 males.
			(1)					(2)	(3)	(4)
1	Madras	••	••		• •	••	••	42-81	19293	904
2	Chengalpattu	••	• •	••	••	••	••	32.38	367	948
3	South Arcot	••		••	••	••	••	18-69	332	969
4	North Arcot	••	••			••	••	19-37	306	971
5	Tiruchirapalli				• •		••	19-60	287	987
6	Pudukkottai		••	••		••	• •	26-62	204	1011
7	Thanjavur	• •	• •		* *	••	• •	17.75	430	994
	Madurai	• •	• •	• •		• •		22.63	312	986
9	Ramanathapuram	• •		• •	• •	• •		18-11	227	1042
10	Tirunelveli			• •	• •	••	• •	17-22	280	1042
11	Kanniyakumari	• •	• •				• •	22-63	726	972
12	Salem		• •		••		• •	21.07	346	963
13	Dharmapuri		• •		• •	••	4 •	25-94	174	969
14	Coimbatore	• •		4 +		••	• •	22.93	279	957
15	The Nilgiris	• •	• •		••	••	••	20-70	194	944
			51	ATE		• •		22.30	317	974

		District	Canto				Literacy Ratz				
		District	Suite.					Persons.	males.	Females	
			(1)					(5)	(6)	(7)	
1	Madras	• •			٠,			62-01	70.57	52 ·54	
2	Chengalpattu					••	• •	39-73	51.76	27 03	
3	South Arcot		* *		* *	• •		31-14	44.06	17-80	
4	North Arcot					••	••	34-66	47-55	21-39	
5	Tiruchirappalli	••		••	••	••	••	38.79	52-40	25.02	
6	Pudukkottai				••			31-40	46.05	16.90	
7	Thanjavur		••		••	••	••	40.30	53-55	26.96	
	Madurai		••			••	• •	41.51	55-07	27.77	
9	Ramanthapruan	a					••	39.74	54·7 2	25.39	
10	Tirunelveli		••	• •		••	••	44-83	57-13	33.02	
11	Kanniyakumari		••			••		58-21	64-t2	52.14	
12	Salem						••	31.71	42.68	20.33	
13	Dharmapuri				••			22-32	31.66	I2·6 7	
14	Coimbatore						••	38-90	51-33	25.90	
15	The Vilgiris		• •			••	••	47.03	53-45	34.90	
				STAT	THE STATE OF THE S	••	••	39-46	51-7.5	26-36	

2.3. SCHEDULED CASTES AND SCHDULED TRIBES.

District/State.							Scheduled Castes.	Percentage to district population.	Scheduled Tribes.
(1)							(2)	(3)	(4)
1 Madras		••	• •	• •		••	259,118	10.49	928
2 Chengalpattu			••		••	••	763,991	26.28	27,189
3 North Arcot	••	••	• •	••	••	••	725,885	19-33	70,727
4 South Arcot				••	••	••	937,894	25.92	14,105
5 Dharmapuri	• •	• •					227,825	13-58	30,123
6 Salem	• •	••			••	••	480,317	16.05	94,383
7 Coimbatore			••		••		688,271	15.74	26,021
8 The Nilgiris					••		62,694	18.76	19,869
9 Madurai		• •	• •	• •			587,874	14.93	6,707
10 Tiruchirapalli	• •				• •		580,211	18-17	14,731
11 Thanjavur	• •	* *			• •		808,112	22.76	922
12 Pudukkottai			• •				151,294	15.97	278
13 Ramanathapura	ım			.,			459,616	16-07	1,056
14 Tirunelveli			• •			• •	504,956	15.78	1,614
15 Kanniyakumari	••				• •	• •	47,536	3.89	2,862
STATE	• •	• •	••		••	• •	7,315,595	17:76	311 ,515

District/State.							Percentage to district population.	Scheduled castes and Scheduled Tribes.	Parcentage to district Population.
(1)							(5)	(ര	(7)
1 Madras	• •	• •					0-04	260,047	10-53
2 Chengalpattu		* *					0.94	791,180	27-22
3 North Arcot					• •		1.88	796,612	21-21
4 South Arcot		• •	••	••	••		0-39	951,999	26.31
5 Dharmapuri					• •	••	1.60	257,948	15.38
6 Salem	• •		• •			••	3.15	574,700	19-20
7 Coimbatore		••	••			••	0.60	714,292	16-34
8 The Nilgiris	• •		••	• •		••	4.02	112,563	22.78
9 Madurai							0.17	594,581	15-10
10 Tiruchirapalli		••	. •		4.7	• •	0-46	594,942	18.64
11 Thanjayur			••	••	••	••	0.03	809,034	22 .7 9
12 Pudukkottai	• •			••	••	••	0-03	151,572	16.00
13 Ramanathapura	m		• •		••	••	0.03	460,672	16-11
14 Tirunelveli	• •	• •			• .	••	0.05	506,570	15-83
15 Kanniyakuwe ci	• .		• .	• •	• •	••	0.23	50,398	4-12
STATE	• •	••	• •	••	• •	• •	0.75	7,627,110	18-51

2.4. Population by Categories of Workers.

(as per census 1971.)

District/State.							I. Cultivators.	II. Agricultural labourers.	III. Livestock Forestry, Fishing, Hunting and Plantations orchards and allied activi- ties.
(1) 1 Madras		••			• •	••	(2) 1,061	(3) 649	(4) 8 , 923
2 Chengalpattu		••			••		238,790	330,254	19,389
3 North Arcot			. •				510,096	416,303	17,184
4 South Arcot					••		523,709	464,411	18,255
5 Tiruchirappalli		••		••	••	• •	502,425	330,442	11,191
6 Pudukkottai		:		:		• •	187,427	64,441	3,799
7 Thanjavur		• •			• •	• •	316,281	518,167	25,256
8 Madurai				* *			420,324	526,23 8	36,325
9 Ramanathapura	m		• •				371,900	275,045	25,671
10 Tirunelveli					• •	• •	290,757	360,858	33,821
11 Kanniyakumari							58,120	126,447	27,349
12 Salem		• •					410,554	331,347	14,540
13 Dharmapuri		• •		• •			349,768	160,727	6,200
14 Coimbatore		• •			• •	••	417,124	570,330	55,296
15 The Nilgiris		• •	* 4	• •	• •		9,451	14,406	102,146
STATE	• •	• •		• •		• •	4,607,787	4,490,065	403,295
Percentage	* *	• •	• •			••	31-26	30-46	2.74
District State							IV Mining and	V. Manufacturing, servicing and	Processing repairs.
District/State.							IV. Mining and quarrying.	servicing and	repairs. (b) Non- Household
(1)							quarrying.	servicing and (a) In household Industry. (6)	repairs. (b) Non-
(1) 1 Madras	:	• •					quarrying. (5) 223	servicing and (a) in household Industry. (6) 11,171	repairs. (b) Non- Household Industry.
(1) 1 Madras 2 Chengalpattu	* *	• •					quarrying. (5) 223 2,183	servicing and (a) in household Industry. (6) 11,171 50,230	repairs. (b) Non- Household Industry. (7) 179,486 112,792
(1) 1 Madras 2 Chengalpattu 3 North Arcot	•	••	••				quarrying. (5) 223 2,183 4,104	(a) In household Industry. (b) 11,171 50,230 54,759	(b) Non-Household Industry. (7) 179,486
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot		•••	••				quarrying. (5) 223 2,183 4,104 14,185	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522	repairs. (b) Non- Household Industry. (7) 179,486 112,792
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli		• •					quarrying. (5) 223 2,183 4,104 14,185 3,171	(a) In household Industry. (b) 11,171 50,230 54,759 24,522 39,754	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudukkottal	• •	• •		••	••		quarrying. (5) 223 2,183 4,104 14,185 3,171 908	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339	(b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur	• •	• •		•••	••		quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513	(a) In household Industry. (b) 11,171 50,230 54,759 24,522 39,754 6,339 30,597	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai	••	• •	••		••		quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura	••	•••	••				quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli		•••	••				quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081	servicing and (a) in household Industry. (b) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari		•••	••				quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem			••				quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982	servicing and (a) In household Industry. (b) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616 111,900
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri							quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982 2,319	servicing and (a) in household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393 8,202	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri 14 Coimbatore	 						quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982 2,319 3,167	servicing and (a) In household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393 8,202 105,859	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616 111,900
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri 14 Coimbatore 15 The Nilgiris	 						quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982 2,319 3,167 726	servicing and (a) In household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393 8,202 105,859 920	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616 111,900 12,467 2,35,563 15,142
(1) 1 Madras 2 Chengalpattu 3 North Arcot 4 South Arcot 5 Tiruchirapalli 6 Pudakkottal 7 Thanjavur 8 Madurai 9 Ramanathapura 10 Tirunelveli 11 Kanniyakumari 12 Salem 13 Dharmapuri 14 Coimbatore	m						quarrying. (5) 223 2,183 4,104 14,185 3,171 908 513 3,805 1,817 4,081 632 8,982 2,319 3,167	servicing and (a) In household Industry. (6) 11,171 50,230 54,759 24,522 39,754 6,339 30,597 46,406 58,401 105,503 18,857 108,393 8,202 105,859	repairs. (b) Non-Household Industry. (7) 179,486 112,792 92,976 43,967 97,092 12,618 51,194 108,319 90,760 117,632 30,616 111,900 12,467 225,563

2.4.—sontd.

(as per census 1971.)

								(88)	per census 1971.
District State.							VI. Construc- tion.	VII. Trade and Commerce,	VIII. Transport storage and communi- cation.
(1)							(8)	(9)	(10)
1 Madras	••	••	••			••	33,497	169,531	1,29,334
2 Chengalpattu	••	••	••	••	••	••	16,422	64,724	41,302
3 North Arcot	••	••	••	••	••	••	14,013	81,321	35,510
4 South Arcot	••	• •	••	• •	••	••	9,456	56,053	21,803
5 Tiruchirappalli	••	••	••	• •	• •	••	16,697	80,620	32,428
6 Pudukkottai	• •	• •	••	••	• •	••	2,593	19,477	4,138
7 Thanjavur	* *	• •	• •	• •	• •	• •	13,289	96,911	23,050
8 Madurai	• •	• •	• •	• •	• •	• •	17,535	127,827	34,123
9 Ramanathapura	ım	• •	• •	• •	••	• •	11,980	78,307	14,498
10 Tirunelveli	• •	• •	• •		• •	••	15,667	97,887	28,822
11 Kanniyakumari	• •	* *	* *	• •		••	9,829	26,602	9,376
12 Salem	* *	• •	• •	••	••	• •	19,594	68,24 8	33,643
13 Dharmapuri	* *	• •		• •	••		4,798	25,273	7,225
14 Coimbatore		• •	• •	• •		••	44,810	1,48,756	44,457
15 The Nilgiris	• •	* *	• •	• •	• •		4,055	12,685	5.949
STATE	• •		• •		• •	• •	2,34,235	11,54,222	4,65,657
Percentage		• •	• •		• •	• •	1-59	7-83	3.16
District State.							IX. Other Services.	Total Workers.	X. Non- Workers,
(1)							(11)	(12)	(13)
1 Madras	* *		• •			••_	1,62,504	6,96,379	17,73,070
2 Chengulpattu	-				• •	• •	1,04,669	9,80,755	19,26,844
3 North Arcot	* *		• •	* *	• •	• •	1,06,903	13,33,169	24,22,629
4 South Arcot		4 9	• •	* 1	• •	• •	71,802	12,55,163	2,362,560
5 Tiruchirappalli	••		••		••	• •	88,213	12,02,033	19,90,101
6 Pudukkottai	••	••	••	٠	••	••	21,959	3,23,649	6,23,702
7 Thanjavur	• •	••	• •	••	••	• •	1,10,000	11,83,096	23,66,967
8 Madurai	• •	••	••	• •	••	••	1,33,036	14,53,938	24,84,259
9 Ramanathapure	m	•	• •		••	* 8	91,966	10,20,345	18,39,862
10 Tirunelveli		••	• •	• •	••	• •	1,16,488	11,71,516	20,28,999
11 Kanniyakumari	• =	••	• •	• •	••	••	44,767	350,494	8,72,055
12 Salem	••	••	• •	• •	••	••	75,078	11,82,279	18,103,378
13 Dharmapuri	• •	• •	••	• •	••	••	33,899	610,878	10,66,897
14 Coimbatore	• •	••	••	• •	••	••	1,71,098	17,86,460	23,86,718
15 The Nilgaris	••	••	• •	• •	• •	••	26,333	1,91,813	3,02,202
STATE	- •	• •	••	• •	••	• •	1,363,715	1,47,41,967	2,64,57,201
Percentage	• •	••	••	••	••	••	9-25	100.00	• •

III. AGRICULTURE.

LAND UTILISATION.

The total geographical area of Tamil Nadu according to village papers was 13.0 million hectares in 1977-78. Out of which the net area sown accounted for 6.3 million hectares, the area cultivable but not cultivated showed 2.4 million hectares and the uncultivable land was 4.3 million hectares. Out of the 6.3 million hectares of the net area sown 2.8 million hectates or about 45.0 per cent was irrigated. The area—sown more than once was 1.5 million of which—0.9 million heatares or about 60.2 per cent was irrigated.

Out of 2.4 million hectares of total area cultivable but not cultivated, 1.2 million hectares or 49.6 per cent was under current follows and the remaining 50.4 percent was under other non-cultivated lands excluding current fallows. The extent of area under uncultivable land was 4.3 million hectares comprising 2.0 million hectares (46.8 per cent) of forest land and 2.3 million hectares (53.2 per cent) of other uncultivable area including land put to non-agricultural uses.

The gross cropped area was 7.8 million hectares out of which 3.7 million hectares or 47.9 per cent was irrigated.

3.1 LAND UTILISATION, 1977-78.

	Distr	ilas		Total c	(AREA IN HECTARES). Uncultivable land,					
	Dişir	ici.		Geographical are by village papers.	Forests.	Barren and uncultivable lond.	Land put to non-agricul- tural uses.	Total.		
((1)			(2)	(3)	(4)	(5)	(6)		
Madras .				12,800			12,800	12,800		
Cl-enga/pattu	+ -			7,89,938	42,652	30,686	1,79,475	2,52,813		
South Arcot			* .	10,89,884	50,602	1,25,677	1,18,608	2,94,887		
North Arcot				12,30,223	3,18,887	65,365	1,29,813	5,15,066		
Salem	• •	••	• •	8,62,005	1,55,570	69,325	70,262	2,95,157		
Dlarmapuri	••	••		9,62,913	3,26,318	79,680	57,467	4,67,465		
Crimbatore	••	• •	• •	15,73,132	3,88,535	19,253	1,32,916	5,49,704		
Ti echirappalli	••	• :		1,12,000	77,384	40,528	1,46,039	2,63,951		
Pedukkottai	••	• •	• •	4,66,130	23,999	9,800	1,33,169	1,66,968		
Thenjavur	• •	• •		8,19,876	10,519	28,380	1,41,936	1,30,835		
Madurai	••	••	• •	12,66,396	2,53,772	84,747	1,11,854	4,50,373		
Ramanathapuram	• •			12,50,282	47,568	20,004	2,33,989	3,01,561		
Terpnelveli	• •	* "		11,41,654	1,33,684	32,272	1,52,249	3,18,205		
The Nilgiris	• •	• •		2,54,464	1,39,236	4,930	8,003	1,52,174		
Kenniyakumari	••	• •		J,67,210	54,611	5,387	20,283	8 0,281		
	STA	TE		1,29,98,998	20,23,337	6,17,035	16.48,868	42,89,240		

3.1. contd.

-1.	-1-4				3.1. contd. (AREA IN HECTARES) Area cultivable but not cultivated.						
Dist	rici. (1)		Cui	ltivatable waste,	permanent pastures and other grazing lands.	Land under misc. lla- neous tree crops and groves not included is the net area sown.	Current fallow.	Other fallen.	Total.		
				(7)	(8)	(9)	(10)	(11)	(12)		
Chengalapattu	• •	••	••	19,733	30,428	26,195	89,400	21,412	1,87,168		
South Arcot		••		53,237	8,755	45,214	69,246	43,463	2,19,915		
North Arcot	••	• •		25,936	8,972	10,696	77,070	43,763	1,66,437		
Salem	••	• •	••	23,495	13,309	5,262	63,901	28,614	1,34,581		
Dharmapuri	••	••		9,753	11,799	9,076	36,845	7,299	74,772		
Coimbatore		• •	• •	6,815	9,302	12,626	2,43,500	24,686	2,96,929		
Tiruchirappalli				39,915	40,694	15,991	1,10,714	26,914	2,34,228		
Pudukkottai	• •	••	• •	14,220	5,482	8,128	37,906	19,953	85,689		
Thanjavur	• •		• •	15,487	4,168	20,219	25,243	22,097	87,214		
Madurai		• •		22,025	12,103	15,119	1,41,066	28,232	2,18,725		
Ramanathapuram				40,466	3,255	7,550	1,64,444	1,01,492	3,17,207		
Tirunelveli	• •		• •	62,901	22,414	12,854	1,29,314	1,16,132	3,43,615		
The Nilgiris	• •	• •	• •	20,815	5,934	2,815	7,787	5,963	43,314		
Kanniyakumari	• •	• •	• •	1,312	440	529	2,095	562	4,938		
	S	TATE		3,56,290	1,77,055	1,92,274	11,98,531	4,90,582	24,14,732		

D.				1	Vet area sown.		Area sown more thun once.		
(1)	trict.			Irrigated.	Un-irriga- 1ed	Total.	Trrigated.	Un-irriga- ted.	Total.
				(13)	(14)	(15)	(16)	(17)	(18)
Chengalapattu			• •	2,60,571	89,386	3,49,957	1,22,953	21,780	1,44,733
South Arcot	• •			3,57,337	2,17,745	5,75,082	77,545	86,865	1,64,410
North Arcot	• •	• •		2,86,860	2,61,860	5,48,720	1,35,773	51,011	1,86,784
Salem			,••	1,09,177	3,23,091	4,32,268	44,846	33,042	77,888
Dharmapuri	••			72,753	3,51,923	4,24,676	18,611	88,641	1,07,252
Coimbatore	••	••		3,04,564	4,30,935	7,35,499	79,407	40,376	1,19,783
Tiruchirappalli	••		••	1,76,217	4,37,694	6,13,911	60,095	10,037	70,132
Pudukkottai	••	••		1,07,049	1,06,424	2,13,473	13,753	2,797	16,550
Thanjavur	••			4.73,994	77,833	5,51,827	1,32,113	2,02,280	3,34,393
Mađurai	••		••	2,25,148	3,72,150	5,97,298	68,519	20,070	88,589
Ramanathapuram	••	••	••	2,55,852	3,75,662	6,31,514	32,757	4,989	37,746
Tirunelveli		• •	••	1,73,550	3,06,284	4,79,834	77,301	15,785	93,086
The Nilgiris	••	••	••	3,728	55,248	58,976	••••	1,369	1,369
Kanniyakumari	••	• • • •	••••	28,852	53,139	81,991	23,323	7,110	30,433
	STA	I.B	••	28,35.652	34,59,374	62,95,026	8,86,996	5,86,152	14,73,148

3.1. contd.

		Gross cropped area.						
<i>3</i> .	istrict.	<i>/</i>	Irrigated.	Un-irrigated.	total.			
	(1)		(19)	(20)	(21)			
hengalapattu			3,83,524	1,11,166	4,94,690			
South Arcot			4,34,882	3,04,610	7,39,492			
North Arcot			4,22,633	3,12,871	7,35,504			
Salem			1,54,023	3,56,133	5,10,156			
Dharmapuri			91,364	4,4 0,564	5,31,9 28			
Coimbatore			3,83,971	4,71,311	8,55,282			
Gruchirappalli			2,36,312	4,47,731	6,84,043			
Pudukkottai			1,20,802	1,09,221	2,30,023			
Thanajavur			6,06,107	2,80,113	8,86,220			
Mádurai			2,93,667	3,92,220	6,85,887			
Ramanathapuram			2,88,609	3,80,651	6,69,260			
Tirunelveli			2,50,851	3,22,069	5,72,920			
The Nilgiris	ip de	• •	3,728	56,617	60,345			
Kan p iyakumari			52,175	60,249	1,12,424			
	STATE	* *	37,22,648	40,45,526	77,68,174			

Irrigation.—Out of 6.3 million hectares of net area sown 2.8 million hectares or 45.0 per cent was irrigated. The percentage of net area irrigated to net area sown was maximum at 85.9 per cent in Thanjavur district. Chengalpattu district came next in order the percentage being 74.5 per cent followed by South Arcot with 62.1 percent and North Arcot district with 52.3 per cent. In Pudukkottai district it was marginally over 50 per cent. The figure was less than 50 per cent in the remaining districts of the State as indicated below:

i	Distric	t.			Percentage of net area irrigated to net area sown.
Colmbatore		١.			41-4
Ramanathapu	ram	3 4	.,	, ,	40.5
Madurai	••			••	37 .7
Tirunelveli	••			• •	36-2
Kanniyakuma	ri				35.2
Tiruchicappali	i		, ·		28.7
Salem	• •	• •	••		25.2
Dharmapuri		v j			17-1
The Wilgiris	• •	٠.			6.7

2. The different source of irrigation and the percentages of area irrigated by each to the total net area irrigated are indicated below:

Sources of irrigation.	Percentage of area irrigated to the total net arca irrigated.
(1)	(2)
1 Wells (Tube wells and ordinary wells.)	33.8
2 Government Canals	32.6
3 Tanks	32.1
4 Other sources including private can	als 1.5

Wells supplementing other irrigation sources constituted 5.3 per cent.

Government Canals and Tanks.—Government canals were the principal sources of irrigation in the district of Thanjavur (97-3 per cent) Tiruchirapalli (46-9 per cent), Coimbatore (46-5 per cent) and Kanniyakumari (43-2 per cent). The district in which tank irrigation was the important source are given below together with the percentage of area irrigated.

D	istrict.				Percentage of area irrigated from touch to the total net area irrigated in the district.
	(1)				(2)
Ramanathapura	m	• •	• •		83.3
Pudukkottai			• •		\$0.9
Chengalpattu		• •			62.2
Kanniyakumari			• •		54.8
Tirunelveli	• •				50.7
North Arcot		* .	• •		43-2
Madurai		• •		• •	28·1
South Arcot		• •			27.8

Wells and other sources.—Wells including tube wells were the Chief irrigation source in Salem. Dharmapuri, Coimbatore, North Arcot, South Arcot, Madurai, Tiruchirapalli and Tirunelveli districts accounting for 76.0 per cent, 59.6 per cent, 51.9 per cent, 48.6 per cent, 45.5 per cent 45.4 per cent, 36.5 per cent and 35.9 per cent respectively.

Other sources of irrigation such as channels and kasams were important in the Nilgiris district where it accounted for 89.9 per cent.

Wells supplementing other trrigation sources.—Wells supplementing other irrigation sources served fairly large areas in North Arcot, Chengalpattu, and South Arcot Districts, their per centages to the total net area irrigated in the district being 12-1, 9-7 and 6-8 respectively.

Crops irrigated.—The total extent raised with crops (gross cropped area) was 7.8 million hectares and the net area sown was 6.3 million hectares. The differences represents the area on which more than one crop was raised. The area of crops irrigated in the State was 3.7 million hectares showed as increase of 0.7 million hectares an compared with the previous year. The

wrea of crops irrigated was as high as 77.5 per cent in Chengalpattu district followed by Thanjavur district with 63.4 per cent. The area of crops irrigated was less than 25 per cent of the gross area sown in the following districts.

District.					Percentage of the area of crops irriga ted to the gross area sown.
(1) Dharmapuri	••	• •	••	••	(2) 17·2
The Nilgiris			• •		6.2

Of the total area of crops irrigated 78.4 per cent accounted for Cereals and pulses, 4.5 per cent for sugarcane, 6.0 per cent for oil seeds (Groundnut, Gingelly and Castor) 4.0 per cent for Cotton and the remaining 7.1 per cent for other crops.

the area irrigated more than once was 0.9 million hectares.

3.2. AREA IRRIGATED BY SOURCES/CROPS 1977-78.

(AREA IN HECTARES).

					Net area iri	rigated by.		T
Districi				Government Canals and Private Canals.	Tanks.	Wells including tube wells.	Other sources.	Total net area irrigated.
(1)				(2)	(3)	(4)	(5)	(6)
Chennalpattu				8,589	1,62,200	82 ,246	7,536	2,00,571
South Arcot				83,755	99,481	1,62,681	11,410	3,57,337
North Arcot ,				19,648	1,23,945	1,39,608	3,659	2,86,860
Sale n				15,908	8,188	82,926	2,155	1,09,177
Dharmapuri		• .		8,379	16,011	43,370	4,993	72,753
Coimbatore			- •	1,42,141	4,131	1,57,977	315	3,04,564
Tiruchirapp2Hi			••	82,611	26,307	64,350	2,949	1,76,217
Pudukkottai				10,534	86,607	9 ,757	151	1,07,049
Thanjavur				4,61,267	2,985	8,134	1,608	4,73,994
Madurai				57,166	63,257	1,02.129	2,596	2,25,148
Ramanathaperam				467	2,13,013	42,133	239	2,55.852
Tirunelveli				22,667	3 8, 018	62,234	631	1,73,550
The Nilgins			• •			375	3,353	3,728
Kanniyakumari	• •	••	••	12,471	15 ,79 7	378	206	28,852
STATE	••		••	9,25,603	9,09,940	9,58,308	41,801	28,35,652

3.2. AREA IRRIGATED BY SOURCES/CROPS, 1977-78-sont..

(AREA IN MECTARES)

Distr	iet.			Paddy.	Wheat.	Other caraels and Pulses.	Sugar cane.
(1)				(7)	(8)	(9)	(10)
Chengalpattu	••			3,2 3,764	••	17,677	3,612
South Arcot				3,04,193	• •	30,862	28,202
North Arcot			٠.	3,08,870	66	25,823	35,973
Salem	٠.			61,272	••	29,946	13,430
Dharmapuri	٠.			49,529	4	12,520	9,5 88
Coimbatore			• •	1,18,190	44	81,214	32,403
Tiruchirappalli				, 1,46,254	• •	29,805	14,160
Pudukkottai				1,06,093		4,835	917
Thanjavur				5,69,734	• •	2,518	10,795
Madurai				1,63,061	175	39,033	9,514
Ramanathapuram				2 09,774		25,590	6,967
Tirunelveli				1,67,458		25,287	1,287
The Nilgiris				3,233		20	43
Kanniyakumari		• •		49,248	· · · · · ·		••
STATE		* *		25,80,673	289	3,25,130	1,66,891

						(ABBA IN HISTAR	urs)
District				Cotton.	Oil seeds.	Others.	Tetal.
				(11)	(12)	(13)	(14)
Chengalpattu				175	30,950	7,346	3,83,524
South Arcot				5,181	52,630	13,814	4,34,882
North Arcot				881	41,222	9,798	4,22,633
Salem				6,300	11,658	31,417	1,54,023
Dharmapuri		• •		4,390	7,582	7,751	91,364
Coimbatore			• •	62,475	52,940	36,705	3,83,971
Tiruchirappalli				2,446	14,026	29,621	2,36,312
Pudukkottai	• •			308	.5,744	2,905	1,20 802
Thanjavur				1,717	11,897	9,446	6,06,10 7
Madurai		• •	•	37,576	13,217	31,091	2,93,667
Ramanathapuran.				11,283	8,257	26,738	2,88,609
Tirunelveli				14,442	9,813	32,564	2,50,851
The Nilgiris		• .		71		361	3,728
Kamiyakumari		••		* *	1,148	1,779	52,175
STATE		••	••	1,47,245	2,61,084	2,41,336	37.22,648

INDEX NUMBERS OF AGRICULTURAL ECONOMY.

The Index Number of area under crops has increased by 2.2 points from 108.1 in 1977-78 to 110.3 in 1978-79 and the Index Number of cropping intensity has increased by 2.1 points from 103.2 in 1977-78 to 105.3 in 1978-79

The Index Number of yield has increased by 6.2 points from 126.7 in 1977-78 to 132.9 points in 1978-79.

The Index of Agricultural production has increased by 9.5 points from 142.4 in 1977-78 to 151.9 in 1978-79.

The Index of cropping pattern has decreased by 0.3 points from 103.9 in 1977-78 to 103.6 in 1978-79.

The Index of productivity per hectare has increased by 9.1 points from 136.0 in 1977-78 to 145.1 in 1978-79.

3.3 INDEX NUMBER OF AGRICULTURAL ECONOMY (TRIENNIUM ENDED 1969-70=100)

					Index of	area under	crops.	Index of yield.			
					1976-77	1977-78	1978-79	1976-77	1977-78	1978-79	
							(P)			(P)	
		(1)			(2)	(3)	(4)	(5)	(6)	(7)	
Food group.—											
Total Cereale				 	96.6	105.5	103·3	122.9	133.8	145,4	
Total Pulses .			. •	 	131.2	136.8	170.6	115.8	123.1	132.1	
Total food group				 	99.4	108.0	108 .6	122.7	133.5	144.9	
Non food group.—											
Oil seeds .				 	93.0	104.7	110.8	105.9	124.4	120.5	
Fibre .			- •	 	84.6	114.5	115.8	133,4	152.6	139.0	
Plantation crops .				 	122.4	125.0	125.0	99.0	97. 7	97-7	
Condiments and sp	oice	s	• •		119.9	130-3	144.5	127.3	73.0	69.5	
Fruits and vegetab	les				107.1	114.1	119.2	151.2	151.5	158.4	
Total Miscellaneou	is c	rops	. •		113.8	117.2	120.8	122.3	114.7	126,9	
Total non-food cro	ps	• •		 	98.2	108.4	114.4	120.6	121.1	123.3	
General		٠.	• •	 	99.0	108,1	110.3	121.5	126.7	3.700	

HIDEX NUMBERS OF AGRICULTURAL ECONOMY-cont.

(TRIBNNIUM ENDED 1969-70=100)

						f agricultur eduction:	al	Index of cropping pattern.			
					1976-77	1977-78	1978-79	1976-77	1977-78	1978-79	
							(P)			(P)	
(1)					(8)	(9)	(10)	(11)	(12)	(13)	
Food groups											
Total Coreals					115.4	144.7	153.7	97.2	102.5	102.2	
Total Pulses		. •	• •		189.7	210.2	293.2	124.7	124.8	129.9	
Total food group			• •		117.0	146.1	156.6	95.9	101.3	99.6	
Non food group											
Oil Scods					108.0	133.5	134.8	109.7	102.5	100.9	
Fibre					112.8	174.6	160.8	100.0	100.0	100.0	
Plantation crops		1.4			123.0	123.3	123.3	101.6	101,1	101.1	
Condiments and spices					153.9	95.9	100-1	100.9	100.7	99.6	
Fruits and vegetables					158.3	174.4	192.4	97.8	100.8	101.9	
Total Miscellaneous crop	ps				136.6	135.8	154.5	98.2	0.101	100.8	
Total non-food crops	•		4 +		128.6	139.0	147.5	108.6	105.8	104.3	
General				6 40	123.2	142,4	151.9	102.3	103.9	10,3	
					1976–	79	197 7 –7	R	1978 -	7 9 (F)	
Index of net area sown.					99.9	, ,	104,7	•	104.3	12 (1)	
FINGS OF DEL STOR SOME.					77.9		1.07.7		101+, 3		
Index of Cropping intend	sity				99.1		103.2				
Index of productivity per P—Provisional.	hec	tare		••	123.3		136.0				

INDEX NUMBERS OF WAGES PAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS.

The Index numbers of wages paid to the agricultural labourers during the quarter ended December 1979 have shown an upward trend over those of the previous quarter in all cases except for women under "Tending Cattle". The increase ranged from 29 points to 76 points while the decrease was noticed in r spect of only one catagory by 13 points.

3-4. INDEX NUMBERS OF WAGES PAID TO CHRISTIC CATEGORIES OF AGRICULTURAL LAPOURERS.

m	\$7.00	1060-	COO	
LEASE	Year	1960 = .	I UU I	þ

	74 4							
	Year I	Menti	7.			Men.	Women.	Non-adults.
			(1)			(2)	(3)	(4)
1974	••					32 2	296	341
1975				• •		405	391	418
1976						384	381	406
197	• •		٠.		* 1	395	398	439
1978						417	415	455
	म्स ्यसम्					413	428	476
	l chidar)					427	435	483
	March		•			436	442	476
	Арга				- *	447	440	496
	May.				• *	43 9	430	498
	June.				, .	447	437	476
	July		,			457	464	49 6
	Augusi					466	476	509
	September				,	481	513	550
	crober					505	536	584
	Nevember					497	539	572
	December					495	637	602

3-4. INDEX NUMBERS OF WAGES FAID TO CERTAIN CATEGORIES OF AGRICULTURAL LABOURERS—cont.

(Base Year: 1960=100)—cont.

	** 4					Tending Cattle.					
	Year/1	Menu	n.			Men.	Women.	Non-adults.			
	(1)				(5)	(6)	(7)			
1974						239	236	281			
975		٠.		• •		344	345	361			
976						336	336	359			
977	٠.					333	316	361			
978						327	322	366			
979	January		• •		• •	307	325	411			
	February		• •		••	288	325	407			
	March	- •	. ,			294	325	380			
	April			• •		305	325	395			
	May					344	325	393			
	June			٠.		316	325	395			
	July	٠,				272	273	420			
	August					308	273	421			
	September					306	273	421			
	October		٠.		• •	361	260	489			
	November				• •	366	260	469			
	December					382	260	466			

							ther agricultural labourer	'S.
						Men.	Women.	Non-adults.
						(8)	(9)	(10)
1974				٠.	• •	292	259	326
1975						376	338	377
1976	••				• •	386	346	394
1977			- +	٠.		398	353	420
1978						421	358	435
1979	January				••	431	362	4 7 7
	February					439	360	478
	March				••	440	379	4.36
	April				• •	448	378	490
	Мау.,				••	446	392	493
	June				••	448	402	477
	July				••	480	439	499
	August				••	480	444	483
	September	• • •	••		••	486	445	490
	October		• •	••	٠.	509	471	514
	November	٠	••	••		515	485	532
	December		٠.		••	515	486	53.)

Estimates of area under principal crops for Kharif season of 1979-80 under Timely Reporting—Scheme.—The district-wise and cropwise estimates of area sown during the Kharif season of 1979-80 framed from the particulars collected in respect of 20 per cent sample villages selected under Timely Reporting Scheme for the year 1979-80 are presented in the tables 2—8 together with the corresponding estimates for the year 1978-79.

3.5 Extimates of Arba under Paddy for Kharif Season—1979-80.

Estimated area in '000' hectares.

						1979-80	
	D)istr i ct			Irrigated.	Total·	High yielding variety
		(1)			(2)	(3)	(4)
Chengalpattu			• •	••	140	174	96
South Arcot		••		••	168	177	142
North Arcot	• •		••		127	139	83
Salem				••	33	35	17
Dharmapuri					33	34	9
Coimbatore				}	60	68	62
Penyan				}	68	00	02
Tiruchirappalli					64	91	30
Thanjayur					429	433	378
Podud k otta					46	56	41
Madurai				• .	57	62	47
Ramanathapura	m				50	92	28
Firunejveli	* *		٠.		44	47	24
Kanniyakum s ci		. •	* *	* *	34	34	•
The Nilgiris		* *	• •		1	1	••
SCXC3		••		• •	1,294	1,443	966

Estimated A	rea.	is '	000°	Hectarez.
-------------	------	------	------	-----------

	Distric	ct.		_	1978-79						
				_	Irrigated.	Total.	High yielding cartety.				
	(1)				(5)	(6)	(7)				
Chengalpattu					164	205	112				
South Arcot				••	129	139	72				
North Arcot					140	142	77				
Salem			• •		36	37	17				
Dharmapuri				••	28	29	14				
Coimbatore		• •		}	50	50*	45•				
Periyar		••	٠.	}	50	50	4 3•				
Tiruchirappalli		• •	• •	••	59	76	40				
Thanjavur		• •			413	422	377				
Pudukkottai					40	45	29				
Madurai					63	63	54				
Ramanathapuran	n				36	53	19				
Tirunclveli					27	27	16				
Kanniyakumari					33	33	5				
The Nilgiris		• •					••				
STA	TE	• •	• •		1,218	1,321	867				
						Percentage variation in					
1	District	•		7	irrigated area over 1978-79.	Percentage variation in Total area over 1978-79.	Migh yielding area over 1978-79.				
1	District	•		í	Irrigated area over	Total area over	Hist vielding area				
<i>I</i> Chengalpatt w				7	Irrigated area over 1978-79.	Total area over 1978-79.	Migh yielding area				
	(1)				irrigated area over 1978-79. (8)	Total area over 1978-79.	Migh yielding area over 1978-79.				
Chengalpattw	(1)				irrigated area over 1978-79. (8) —14:6	Total area over 1978-79. (9) —15:1	Migh yielding area over 1978-79. (10) —14:3				
Chengalpattw	(1)				(8) -14.6 +30.2	Total area over 1978-79. (9)15·1 +27·3	#Igh yielding area over 1978-79. (10) —14:3 +97:2				
Chengalpattu South Arcot North Arcot	(1)				(8) -14.6 +30.2	Total area over 1978-79. (9)15·1 +27·32·1	#Igh yielding area over 1978-79. (10) —14:3 +97:2				
Chengalpattw South Arcot North Arcot Salem	(1)				(8) -14.6 +30.2 -9.3 -8.3 +17.9	Total area over 1978-79. (9) -15·1 +27·3 -2·1 -5·4 +17·2	#igh yielding area over 1978-79. (10) 14·3 +97·2 +7·3				
Chengalpattw South Arcot North Arcot Salem Ohormapuri	(1) 				(8) -14.6 +30.2 -9.3 -8.3	Total area over 1978-79. (9) -15·1 +27·3 -2·1 -5·4	#igh yielding area over 1978-79. (10) 14·3 +97·2 +7·3				
Chengalpattw South Arcot North Arcot Salem Dharmapari Coimbatore	(1) 				(8) -14.6 +30.2 -9.3 -8.3 +17.9	Total area over 1978-79. (9) -15·1 +27·3 -2·1 -5·4 +17·2	#igh yielding area over 1978-79. (10) 14·3 +97·2 +7·3				
Chengalpattu South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar	(1) 				(8) -14.6 +30.2 -9.3 -8.3 +17.9	Total area over 1978-79. (9)15·1 +-27·32·15·4 +-17·2 +-36·0	#igh yielding area over 1978-79. (10)14·3 +-97·2 +-7·3				
Chengalpattw South Arcot North Arcot Salem Charmapuri Coimbatore Periyar Ciruchirappalli	(1) 				(8) -14.6 +30.2 -9.3 -8.3 +17.9 +36.0 -18.5	Total area over 1978-79. (9) -15·1 +27·3 -2·1 -5·4 +17·2 +36·0 +19·7	#igh yielding area over 1978-79. (10)14·3 +-97·2 +-7·3				
Chengalpattu South Arcot North Arcot Salem Dhormapari Coimbatore Periyar Firuchirappalli Thanjavur	(1) 				(8) —14·6 +30·2 —9·3 —8·3 +17·9 +36·0 ·+8·5 +3·9	Total area over 1978-79. (9)15·1 +-27·32·15·4 +-17·2 +-36·0 +-19·7 +-2·6	#igh yielding area over 1978-79. (10)14·3 +97·2 +7·3				
Chengalpattu South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar Firuchirappalli Thanjavur Pudukkottai	(1) 				(8) —14·6 +30·2 —9·3 —8·3 +17·9 +36·0 +8·5 +3·9 +15·0 9·5 +38·9	Total area over 1978-79. (9)15·1 +-27·32·15·4 +-17·2 +-36·0 +-19·7 +-2·6 +-24·4	#igh yielding area over 1978-79. (10)14·3 +-97·2 +-7·3				
Chengalpattu South Arcot North Arcot Salem Charmapuri Coimbatore Periyar Ciruchirappalli Thanjavur Pudukkottai Madurai	(1) 				(8) -14.6 +30.2 -9.3 -8.3 +17.9 +36.0 -18.5 +3.9 +15.0 9.5	Total area over 1978-79. (9) -15·1 +27·3 -2·1 -5·4 +17·2 +36·0 +19·7 +2·6 +24·4 -1·6	#Igh yielding area over 1978-79. (10)14·3 +97·2 +7·3				
Chengalpattu South Arcot North Arcot Salem Dharmapuri Coimbatore Periyar Firuchirappalli Thanjavur Pudukkottai Madurai Lamanathapuri	(1) 				(8) —14·6 +30·2 —9·3 —8·3 +17·9 +36·0 +8·5 +3·9 +15·0 9·5 +38·9	Total area over 1978-79. (9)15·1 +-27·32·15·4 +-17·2 +-36·0 +-19·7 +-2·6 +-24·41·6 +-73·6	#Igh yielding area over 1978-79. (10) -14·3 +97·2 +7·3				
Chengalpattu South Arcot North Arcot Salem Charmapuri Coimbatore Periyar Firuchirappalli Thanjavur Pudukkottai Madurai Camanathapur Firunelveli Canniyakumar	(1) 				(8) -14.6 +30.2 -9.3 -8.3 +17.9 +36.0 -18.5 +3.9 +15.0 9.5 +38.9 +63.0	Total area over 1978-79. (9) -15·1 +27·3 -2·1 -5·4 +17·2 +36·0 +19·7 +2·6 +24·4 -1·6 +73·6 +74·1	#Igh yielding area over 1978-79. (10)14·3 +-97·2 +-7·3				

Wariation is large and hence not shown.
*Included Periyar district also.

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3.6. ESTIMATES OF AREA UNDER CHOLAM FOR KHARIF SEASON—1979-80.

Distric	it.			Estimated are Hectares in 1		Estimated are Hectares in		Percentage variation of irrigated	Percentage variation of Total area over 1978-79.
				Irrigated.	Total.	Irrigated.	Total.	area over 1978-79.	
	(1)			(2)	(3)	(4)	(5)	(6)	(7)
Chengalpastu	,	••	••	0	1	1	2 .	••	_50·0
South Arcot	••	••	••	13	234	10	153	+30.0	+529
North Arcot	••	••	••	9	241	2	239	@	+0.8
Salem;	••	••	••	58	507	61	540	4-9	-6.1
Dharmapuri	• •	••	••	30	419	17	459	+76.5	 8·7
Coimbatore]	••	••	••	91	996	169*	1 100+	. 17.3	. 26.0
Periyar 3	• 0	• •	• •	107	512	169*	1,109*	+17-2	+36.0
Tiruchirappalli		• •	• •	27	958	27	841	••	+13.9.
Fhanjavur	• • `	• •	• •	5	9	11	12	—54·6	- 25•0
Puduk kottal	• • .		• •	10	37	11	27	<u>9•1</u>	+37.0
Madurai	• •	• •	• •	69	1,014	42	549	+64•3	+84.7
Ramanathapura	n		•••	6	51	3	33	+100.0	+54.6
Tirunelveli		• •	• •	57	85	69	129	17-4	-34-1
STATE		482	5,064	423	4,093	4-14-0	+23.7		

[@]Variation is large and hence not shown.

^{*}Includes Periyar district also.

3.7. Estimates of area under CUMBU for Kharif Season-1979-80.

Die	trict.			Estimated ar Hectares in		Estimated area in '00' Hectares in 1978-79.		Percentage variation of	Percentage variation of Total
Dis	irici.			Irrigated.	Total.	Irrigated.	Total.	irrigated area over 1978–79.	area over 1978-79.
	(1)			(2)	(3)	(4)	(5)	6	
Chengalpattu	••	••	••	25	46	18	33	38-9	39-4
South Arcot	••	••	••	112	684	89	6 76	25.8	1.2
North Aroot	••	••	••	44	121	34	101	29-4	19-8
Salem	••	••	••	17	190	33	272	—48·5	30-1
Dharmapuri	••	••	••	11	83	7	85	57-1	98•8
Coimbatore	••	••	••	30	64	900	384+	10-7	—38·8
Periyar	• •	• •	• •	53	171	75*	384-	10-7	-30.0
Tiruchirappalli	• •	• •	• •	108	676	105	706	2•9	-4.2
Thanjavur	• •		• •	1	8	1	13	0	-38.5
Pudukkottai	• •	• •	• •	0	10	• •	58	••	-82.8
Madurai	• •	••		65	201	34	158	9-12	27-2
Ramanathapuram		• •	••	14	88	13	62	7.7	41-9
Tirunelveli		••		10	49	19	50	—47-4	-2-0
STATE			••	490	2,391	428	2,598	14-5	-4-7

*Includes Periyar district also.

3-8. ESTEMATES OF AREA UNDER RAGI FOR KHARIF SEASON,-1979-80.

District.			Estimated Are Hectares	ea in "00" 1979-80.	Estimated Are Hectares 1		Percentage over 197	differ ence 18 – 79.
Distrut.			Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.
(1)			(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu	••		58	69	63	93	()7·9	()25·8
South Arcot	••	• •	56	62	42	46	+)33•3	+34.8
North Arcot		••	40	74	30	40	(+)33·3	(+)85.0
Salem	• •	••	7	216	17	227	(—)58·8	()4·8
Dharmapuri	••	• •	44	672	21	693	@	()3·8
Coimbatore	••	••	24	337	86*	• 72	(. 	
Periyar			65	123	80*	173	(+)3·5	(—)9·8
Tiruchirappalli	• •		19	29	34	40	()44·1	()27-5
Thanjavur	• •		4	4	13	16	()69·2	()75-0
Pudukkottai	• •	• •	2	29	6	28	()66•7	(+)3.6
Madurai'		• •	29	35	26	42	(+)11.5	(-)16•7
Ramanathapuram	• •		35	70	51	75	()31·4	()6.7
Tirunelveli	• •		30	30	46	46	()34-8	()34·8
STATE	• •	••	413	1,446	435	1,519	()5·1	(—)5·1

Variation is large and hence not shown.
 Includes Periyar district also.

3.9 ESTIMATES AREA UNDER COTTON FOR KHARIF SEASON 1979-80.

District.				Estimated ar hectares,	rea in '00' 1979–80.	Estimated hectares, 1	area in ' 60 ' 978–79.	Percentage difference over 1978-79.	
Dis	irici.			Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.
	(1)			(2)	(3)	(4)	(5)	(6)	(7)
Chengalpattu		••		0	0	0	0	• •	••
South Arcot		••		35	59	27	44	29.6	34.1
North Arcot				7	8	7	11		() 27:3
Salem ··				- 61	110	83	162	(—) 26⋅5	() 32·1
Dharmapuri				28	32	19	26	47-4	23·1
Coimbatore		••		133	1967	195*	213*	5.6	15.9
Periyar		••	•.•	51	51 ∫	193	213	J. 0	13.3
Tiruchirappalli				5	16	10	27	() 500	() 40· 7
Thanjavur				1	2	3	3	_66.7	() 33·3
Pudukkottai				1	2	0	1		100.0
Madurai				126	266	213	374	() 40.8	(—) 28·9
Ramanathapura	Am			144	289	5	130	@	@
Tirunelveli		• •	• •	172	211	87	114	97.7	85-1
		STATE	6116	764	1,242	649	1,105	17.7	12-4
						-			

[@] Variation is large and hence not shown.

^{*}Includes Perlyar district also.

3.10. Estimates of Area under Groundnut for Kharif Season, 1979-80.

Distric	District.		Estimeted of hectares,	area in '00' 1979–80.	Estimated of hectares 1		Percentage difference over 1978-79.		
	••		Irrigated.	Total.	Irrigated.	Total.	Irrigated.	Total.	
(1)	•		(2)	(3)	(4)	(5)	(6)		
Chengalpattu			78	327	48	328	62 5	(-) 0.3	
South Arcot			75	881	63	889	19.0	() 0-9	
North Arcot			57	1,652	65	1,307	— 12·3	(-) 8.6	
Salem			57	955	32	1,062	78.1	(—) 10·1	
Dharmapuri	• •		14	493	11	422	27-3	() 4.5	
Coimbatore		••	34	368)				4.5.0	
Periyar		••	108	363	86*	642*	65-1	13.9	
Tiruchirapalli			99	453	61	437	62.3	3.7	
Thanjavur			6	126	21	95	() 71·4	32-6	
Pudukkottai .			24	407	96	265	75-0	53-6	
Mađurai			107	610	51	498	@	22.3	
Ramanathapuram			26	257	13	156	@	64.7	
Tirunelveli	••	••	37	40	32	84	15.6	(—) 52.4	
	STATE	• •	722	6,842	579	6,685	24· 7	2.3	
					-				

[@]Variation is large and hence not shown.

3.11. Estimates of area under Potato for Kharif Season 1979-80.

District.	Estimated a hectares	area in '00' in 1979–80.	Estimated a hectares in	area in '00' 1978–79.	Percentage variation over 1978–79.	
District.	Irrigeted.	Total.	Irrigated.	Total.	Irrigated.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
The Nilgiris	••	66	0	20	••	@

[@]Variation is large and hence not shown.

^{*} Includes Periyar district also.

AREA AND YIELD OF COCONUT AND ARECANUT IN TAMIL NADU.

According to the provisional estimates of Coconut and Arecanut survey, the estimated area under coconut in Tamil Nadu for 1978-79 was 110,720 hectares and its total production was, 1,056-60 million nuts when compared with the previous year, the estimated area and production of coconut showed an increase of 0.9 per cent and 1.7 per cent respectively. The estimated area under arecanut was 4,160 hectares with the total production of 2,947 tonnes of cured arecanuts, recording an increase of 2.5 per cent and 2.3 per cent respectively over the previous year.

The estimated number of coconut plains for the year 1978-79 was 36·19 millions. Bearing palms which were 67·17 per cent of the total palms yielded 1,056·60 million nuts.

Estimated number of arecanut palms was 7.6 millions. Bearing palms which were 70.76 per cent of the total palms yielded 2,947 tonnes of cured arecanuts.

3-12. ESTIMATED AREA, NUMBER OF PALMS AND PRODUCTION OF COCONUT-1978-79 (PROVISIONAL).

Serial numbe	r and	dist rict	•		Estimated area in hectares.	Estimated number of palm in '000'.	Estimated production in '000' nut.
	(1)				(2)	(3)	(4)
I. Village—Reported to	o be	Growing	Cocon	ut alon	e. —		
1 Chengalpattu					3,350	879	30,298
2 South Arcot					2,160	660	18,828
3 North Arcot					6,200	2,393	73,906
4 Salem					7,210	3,361	1,36,880
5 Dharmapuri			* *		7,410	2,637	56,768
6 Coimbatore					14,510	4,946	1,68,438
7 Tiruchirappalli					3,920	1,803	58,067
8 Thanjavur					18,760	5,930	1,90,659
9 Pudukkottai					1,790	782	17,110
10 Madurai					6,230	2,637	60,022
11 Ramanathapura	m	.,	••		8,470	2,160	38,446
12 Tirunelveli	• •	••	••		4,400	954	20,283
13 Kanniyakumari	••	••	••		16,570	3,893	1,01,447
		Sub-	total	••	1,01,040	33,035	9,71,152
11. Villages reported t	o be	not grov	ving co	conut.	9,680	3,158	85,443
			State	••	1,10,720	36,193	10,56,595
						-	

3-13. Estimated Area, Number of Palms and Production of Arecanut—1978-79

	(PROVISIONAL). Estimated area in hectares.	Estimated number of paims in '000'.	Estimated production of cured nuts in tonnes.
(1)	(2)	(3)	(4)
1. Villages reported to be growing Arecanut.—			
1 Salem and Dharmapuri	1,292	2,170	795
2 Coimbatore	1,247	2,319	893
3 Tiruchirappalli Thanjavur Madurai and Tirunelveli	1 81	220	1 31
4 Kanniyakumari	1,440	2,694	1,128
II. Villages reported to be not growing Arecanut-	- -	Negligible.	_
State	4,160	7,403	2,947

MINOR CROPS.

During 1977—78, the total area for the districts covered under onion, chillies, potato (winter and summer combined) and tapioca was 18,045, 77,961, 11,424 and 50,878 hectares respectively while the estimated production of these crops was 1,89,360, 64,550, 99,450 and 12,62,890 tonnes respectively.

3.14 Area and Average Yield of Onions, Chillins, Potato and Tapica 1977-78.

		Dis	trict.					Area under the crop in hect- ares as per peason and crop report.	Estimated average yield in kg./ becters	Estimated production in tonnes.	
		(1	.)					(2)	(3)	(4)	
Onlon :											
1 North Arcet	••	••	••	••	••	• •		318	9,100	2,890	
2 Salem	-		81	••	••	••	••	1,800	17,507	31,510	
3 Colmbatore		••			••	••	••	3,819	10,839	41,390	
4 Tiruchirappalli	••			••		••	••	2,325	10,540	24,510	
5 Madurai	••				••	••		₹,298	9,505	49,370	
6 Ramanathapuras	n		••	••		• •	••	1,419	5,652	8,020	
7 Tirunelveil For the distret cove	rod	••	••	••	::	••	••	1,066 18, 9 45	10,950 10,494	11,67 6 1,89,3 6 0	
					S	inte	••	19,393	* *	2,03,510	

E.14 Area and Average Yield of Onious, Chillies, Potato and Tapioca 1977-78-conf.

(1)							(2)	(3)	(4)
Chillies: Average Yield a	nd Proc	luction	of dry o	hilles.					
1 Chengalpattu .	• •				• •		3 ,938	2,010	7,920
2 North Arcot .					••		1,754	738	1,300
3 Salem							1,475	333	490
4 Dharamapuri .						••	1,162	674	780
5 Coimbatore .				. •			5,890	325	1,910
6 Tiruchire ppalli							11,550	800	9,240
7 Pudukkottai					* *		2,320	1,010	2,340
8 Madurai							6,206	1,352	8,390
9 Ramanathapuram	• •						25,479	500	12,740
10 Tirunelveli		••					18,187	1,069	19,440
For the districts cover	ed				* *		77,961	828	64,5 50
					State		80,983	a A	67,050
Dadada (Millerton)								Annual Control of the	
Petato (Winter)— 1 Dharmapuri .									
0.14.4	,	• •	. •	* *		• •	78	20,622	1,610
a =1 -575.55-			••	• •	٠.	**	2,28\$	18,708	42,800
For the Districts cove	•	* *	• •		* *		7,394	5,455	40,330
For the Districts cove	rea	4 1		• •			9,960	8,683	84,740
					State	• •	9,761	• •	84,750
Petato (Summer)—									
1 Madurai		• •					449	12,311	5,530
2 The Nilgiris	• •				* *		1,215	7,556	9,180
For the districts cover	id	• •	• •				1,664	8,839	14,710
					State		1,664	* *	14,710
Tapioca—									
1 Chengalpattu							571	9,878	5,640
2 South Arcot							7,226	20,455	1,47,810
3 Salem		••		••			24,942	29,380	7,32.800
4 Dharmapuri		••			••		2,439	26,028	63,480
5 Coimbatore		••					747	34,488	25,760
6 Tiruchirappalli					••		1,242	30,355	37,700
7 Kanniyakumari	••			• •			13,027	18,168	2,36,680
8 The Nilgiris	••	••					684	19,028	13,020
For the Districts covere	d				• •	••	50,878	24,822	12,62,890
					State		52,786		13,10,259

SALIENT FRATURES OF THE CROP PROSPECTS.

The North-East monsoonic showers were in time during the beginning of the quarter, giving an aliming impetus to the agricultural operations in the State. The State had experinced heavy, vehement downpour during the middle of the quarter due to the fierce outbreak of North-East Monsoon, the rains caused copius supply of water to almost all tanks and reservoirs of the state enriching the irrigational potentiality and ensuring sufficient water supply for the crops of the rabi summer seasons.

The coin, however, is not without the other side. The set-back suffered due to heavy hood havoc in Madurai, Ramanathapuram and Tirunelveli districts were being overcome with quick and more effective remedial measures, taken especially with reference to Agricultural sector.

The standing samba and thaiadi paddy crops were submerged in water in certain regions of Thanjavur cistrict. The late transplanted Kuruvai paddy which got matured and about to be harvested also suffered badly in certain pockets.

Paddy fields were reported to be under water in same parts of South Arcot, Tiruchirapall, Tirunelveli and Kanniyakumari districts for certain period during the time of continous rains.

Transplantation of samba paddy was almost completed in all the districts

Sugarcane crop was being harvested extensively in South Arcot and Coimbatore districts. The harvest of Kuruvai paddy in Thanjavur District had been completed.

Groundnut crop was harvested extensively in Dharmapuri district. The outturn was normal.

The standing Thalady Samba paddy were in good condition in Thanjavur district.

With adequate water supply from Ponnaiyar reservoir the standing crops in Tiruchirappali District were coming up well. The standing crops in Salem District were better nourished with bounteous supply of water from Mettur Dam.

The supply of water from Peachiparai and Perunchani reservoirs in Kanniyakumari district and Lower Bhavani Project and Kalingarayan channel in Periyar District had ensured conducive growth conditions of the standing crops in those regions and better results anticipated.

Severe frost winter season is now prevailing in the Nilgiris district during night time. It feared that the standing crops particularly potatoes, tea, coffee and Vegetables will have very is bad effect on account of frost.

The condition of the standing crops in all other districts of the State is good:

The preliminary estimates of area and production of certain crops framed during the quarter are presented below in the table.

2 15. SUMMARY OF FORECAST REPORT ON CENTAIN CROPS.

Name of the crop.					N	Area in	Percentage	
Nai	ne oj 11	ne croj	9.		Name of the report and period of coverage.	1979- 80.	1978–79.	variation,
		(1)	(1)		(2)	(3)	(4)	(5)
Cotton	••	••	• •	••	Second forecast report upto, September 1979.	84,040	73,540	+14.3
Paddy	••	••	• •	••	First forecast upto September 1979.	7,83,000	8,30,000	5·7
Gingelly	••	••	••	••	Second forecast upto Septmber 1979.	67,050	60,530	- -10-8
Mesta		••	••	••	Do.	180	160	+12.5
Sugarcan	e		• •		Do.	84,300	80,540	+4.7
Cholam	••	• •		• •	First forecast up to September 1979.	3,30,000	3,33,500	-1.0
Cumbu			• •	٠-	Do.	1,71,000	1,68,000	+1.8
Ragi				• •	Do.	1,37,500	1,41,000	-2.5
Korra					Do.	12,000	11,750	+2.1
Varagu					Do.	1,36,800	1,33,700	+2.3
Samai					Do,	96,650	96,100	+0.3
Groundm	ıt	4 •	• •		Second forecast upto October 1979.	8,16,000	8,26,800	-1.3
Cotton					Third forecast upto November 1979.	1,93,100	1,83,550	+5.2
Paddy	••	• •	• •		Second Forecast upto November 1979.	18,00,000	16,72,000	+7· 7

Name of the crop.					Production in	i Tonne.	Percentage	Remarks.		
1	vame o	y me c	rυp.		1979-80	197879	variation.	neman,		
		(1)			(6) (7)		(8)	(9)		
Cotton					Not framed for	r this report.				
Paddy					Do	Do.				
Gingelly	••				Do	•		••		
Mesta	••	••		••	790	700	+12.9	Interms of bales of 120 each kg.		
Sugarcar	ne	••			7,33,090	6,50,820	+12.6	••		
C holam	••			• •	(Not framed for	or this report)	••	••		
Cumbu	••	• •	••		Do	•	••	••		
Ragi	• •	••	• •		Do			••		
Korra	••	••	••		Do			••		
Varagu	• •	• •		••	Do			**		
Samai					Do	·.	••	••		
Groundr	uit		• •		7,66,070	7,58,360	+1.0	Interms of unshelled nuts.		
€Lotton	••	••		• •	3,11,860	2,97,620	+4.8	Interms of bales of 170 kgs lint each.		
addy	••	••	• •		34,67,000	32,14,000	- ⊦7·9	Interms of rice.		

IV. INDUSTRIES.

RESULTS OF ANNUAL SURVEY OF INDUSTRIES.

Annual Survey of Industries is conducted by National Sample Survey Organisation, Government of India under the collection of Statistics Act, 1953 and Collection of Statistics (Central) Rules, 1959.

The factories registered under sections 2 m (i) and 2m (ii) of the Factory Act, 1948, and the Beedi establishment are covered by the survey.

The survey is covered under two parts viz., Census and Non-Census. Factories employing 50 or more workers—using power and 100 or more workers—not—using—power are covered under the census sector. Factories employing 10 to 49 workers—using power, 20 to 99 workers—not using power are covered—under non-census sector. The survey excludes—from—its purview, the units engaged in defence production storage—and distribution of oils, restaurants, cafes and technical institutions not reducing anything—for sale of exchange—eventhough they are registered as factories under the Factories Act, 1948.

The survey for the year 1976-77 is the latest for which results are available and the same has been given in this issue.



4.1. ANNUAL SURVEY OF INDUSTRIES 1976-77.

SUMMERY RESULTS FOR FACTORY SECTOR.

Industrial Group.	Number of factories · (Nos)	Fixed Capital (Rupees in lakhs).	Working capita! in lakhs.	(Provisional) Productive capital (Rupees in lakhs.)	nvested capital (Rupess in lakhs.)
(1)	(2)	(3)	(4)	(5)	(6)
20-21. Manufacture of food Production	2,144	6,879	4, 19 9	11,078	12,773
22 Manufacture of Beverages, Tobacco and Tobacco Products.	728	597	322	91 9	1,118
23 Manufacture of cotton Textiles	960	10,772	4,264	15,036	23,663
24-25 Manuafacture of wool, silk, synthetic fibres, jute hamp and Mesta Textiles.	165 3	1,060 2	711 1	1,771 3	1,615 4
26 Manufacture of Textile products	343	483	625	1,108	1,125
27 Manufacture of wood and wood products, furniture, Fixtures.	175	148	283	431	310
28 Manufacture of paper, paper products print ing publishing etc.	- 579	4,683	1,898	6,581	6,406
29 Manufacture of leather and leather products.	394	1,807	940	2,747	5,711
30 Manuafacture of Rubber plastic petrolium and coal products	199	5,383	4,521	9,904	11,968
31 Manfacture of chemicals and chemical products.	592	30,258	6,038	36 ,29 6	46,079
32 Manufacture of non-metallic mineral products.	180	5,233	21,30	7,363	8,542
33 Manufacture of Basic metal and Alloy Industries.	390	5,145	2,536	7,681	9,001
34 Manufacture of metal products except machinery and Transport equipments.	333	1,086	1,570	2,656	2,593
35 Manufacture of Machinery and machine tools etc.	459	7,5 99	16,966	24,565	23,804
36 Manufacture of Electrical machinery apparatus etc.	199	1,716	1715	3,431	4,268
37 Manufacture of Transport equipment and parts.	162	5,551	6,439	11,090	13,333
38 Other Manufacturing industries	79	702	186	888	1,274
40 Electricity	6	53,356	5,291	58,647	56,818
41 Gas and Steam	ź	7	9	16	12
42 Water works and supply	6	72	1	73	82
91 S unitary services	14	31	3	34	34
95 Recreational and cultural sérvices	17	113	26	139	127
96 Personal services	12	8	. 1	9	8
97 Repair services	397	2,688	2,011	4,897	4,831
State	8,539	1,45,575	62,687	2,08,263	2,35,499

Industrial Group.	Outstanding Loan in lakhs	Mandays worked (Nos).	All workers numbers	All employee ^{\$} (Numbers).
(1)	(8)	(9)	(10)	(11)
20-21 Manufacture of food production	6,432	203	96,892	1,25,681
22 Manufacture of Beaverages Tobacco and Tobacco Products.	987	45	13,277	16,475
23 Manufacture of cotton Textiles	15,797	418	1,21,523	1,35,517
24- Manufacture of wool, silk synthetic fibres, jute hemp and Mesta Textiles.	747	27	7,744	8,799
25 Do	3	1	333	342
26 Manufacture of Textile products	966	35	10,752	12,551
27 Manufacture of wood and wood products, furniture, Fixtures.	203	13	3,919	4,808
28 Manufacture of paper, paper products printing publishing.	3,322	85	21,480	31,905
29 Manufacture of leather and leather products	2,884	60	16,940	19,168
30 Manufacture of Rubber, plastic, petroleum and coal products	2,645	43	11,909	14,874
31 Manufacture of chemicals and chemical products.	32,831	180	50,796	61,127
32 Manufacture of non-metallic mineral products.	4,061	63	15,974	20,320
33 Manufacture of Basic metal and Alloy Industries.	5,124	70	54,077	72,4 73
34 Manufacture of metal products except machinery and Transport equipment.	1,563	42	1,1159	14,416
35 Manufacture of Machinery and machine tools, etc.	6,105	128	30,976	43,249
36 Manufacture of Electrical machinery, apparatus, etc.	2,359	50	13,248	17,732
37 Manufacture of Transport equipment and parts.	4,776	170	40,348	54, 861
38 Other Manufacturing industries	811	14	3,543	4,757
40 Electricity	44,167	248	53,735	67,594
41 Gas and Steam		* •	38	65
42 Water works and supply		2	320	456
91 Sanitary services		1	225	241
95 Recreational and cultural services	60	4	1,004	1,311
96 Personal services	6	1	324	394
97 Repair services	163	70	16,126	42,446
State	1,36,024	1,971	5,96,662	771,56

RUPEES IN LAKHS.

					CARAB.	
	Wages to workers.	Emoluments to employees.	Fuels etc. consumed.	Material consumed.	Other input.	Totai input,
(1)	(12)	(13)	(14)	(15)	(16)	(17)
-21 Manufacture of food production.	1,188	2,008	1,073	25,729	4,612	31,414
Manufacture of Beverages, Tobacco and Tobacco products.	248	379	92	2,547	3,022	5,661
Manufacture of cotton textiles.	6,129	7,323	2,778	39,025	4,927	46,730
Manufacture of wool, silk synthetic fibres, Jute and mesta Textiles.	355	438	337	3,008	341	3,686
Do.	б	7	• •	5	3	8
Manufacture of Textile products.	217	28\$	38	2,781	814	3,633
fixture.	74	112	17	389	141	547
products printing publishing.	904	1,427	649	4,769	1,261	6,679
Manufacture of leather and fur products.	650	862	138	14,981	2,850	17,969
Manufacture of Rubber, plastic petrol, um and coal products.	600	1419	641	33,473	1,640	35,754
Manufacture of chemicals and chemical products.	1,322	2.484	5,436	22,768	4,557	32,761
Manufacture of non-metallic mineral products.	689	1,160	3,111	5,480	1,060	9,651
Manufacture of Basic metal and Alloy Industries.	824	1,320	1,506	7,277	1,639	10,422
M inufacture of metal products except machinery and Transport equipments.	445	736	147	2,490	1,197	3,834
Manufacture of machinery and machine tools, etc.	1,804	3,471	597	16,796	3,930	21,323
Manufacture of Electric machinery, apprential, etc.	122	1,260	156	6,096	714	6, 00
Manufacture of Transport equipment and parts.	2,827	4,907	708	18,082	2,315	21,105
Other manufacturing Industries	152	268	53	725	175	953
L'octricity	2,795	3,933	2,769	7,255	2,668	12,592
G is and Steam		5	1	13	13	29
Water works and supply	13	20	70	16	2	88
Senitary series	10	12	15		3	13
	3 !	54	15	31	33	79
Personal services	1 :	1.4	9	8	8	25
Repair Services	773	1,186	237	1,818	1,848	3,903
State	22,799	34,824	20,592	2.15.561	39,780	2,75 933
	Tobacco and Tobacco products. Manufacture of Beverages, Tobacco and Tobacco products. Manufacture of cotton textiles. Manufacture of wool, silk synthetic fibres, Jute and mesta Textiles. Do. Manufacture of wood and wood products. Manufacture of paper, paper products printing publishing. Manufacture of Rubber, plastic petrol, um and coal products. Manufacture of Rubber, plastic petrol, um and coal products. Manufacture of non-metallic mineral products. Manufacture of non-metallic mineral products. Manufacture of mon-metallic mineral products. Manufacture of mon-metallic mineral products. Manufacture of metal products except machinery and Transport equipments. Manufacture of machinery and machine tools, etc. Manufacture of Transport equipment and parts. Other manufacturing Industries Electricity	Manufacture of wood and wood products, furniture fixture. Manufacture of apper, paper products printing publishing. Manufacture of Rubber, plastic petrol, um and coal products. Manufacture of Rubber, plastic petrol, um and coal products. Manufacture of Rubber, plastic petrol, um and coal products. Manufacture of mon-metallic mineral products. Manufacture of mon-metallic mineral products. Manufacture of machinery and machiner of machinery approaches, etc. Manufacture of machinery and manufacture of machinery approaches, etc. Manufacture of felectric machinery approaches, etc. Manufacture of machinery and machinery approaches, etc. Manufacture of Transport equipments and parts. Cher manufacturing Industries E'estricity 2,795 G is and Steam Water works and supply 13 Sanitary series 10 Recreational and cultural Services Porgonal services 773 Repair Services 773	to manufacture of food products. (1) (12) (13) -21 Manufacture of food production. Manufacture of Beverages, Tobacco and Tobacco and Tobacco products. Manufacture of cotton textiles. Manufacture of wood, silk synthetic fibres, Jute and mesta Textiles. Do. 6 7 Manufacture of Textile products. Manufacture of wood and wood products, furniture fixture. Manufacture of paper, paper products printing publishing. Manufacture of leather and fur products. Manufacture of Rubber, plastic petrol. um and coal products. Manufacture of non-metallic mineral products. Manufacture of Basic metal and Alloy Industries. Manufacture of machinery and machine tools, etc. Manufacture of machinery and machine tools, etc. Manufacture of Transport equipment and parts. Cher manufacture of Search and supply 13 G is and Steam	Manufacture of paper, paper products printing publishing. Manufacture of Rubber, plastic perfolucts. Manufacture of Rubber, plastic perfolucts. Manufacture of commences and coal products. Manufacture of paper, paper products. Manufacture of paper, paper products. Manufacture of manufacture. Manufacture of wood and wood products, furniture fixture. Manufacture of paper, paper products printing publishing. Manufacture of leather and fur products. Manufacture of Rubber, plastic perfolucts. Manufacture of Rubber, plastic perfolucts. Manufacture of chemicals and chemical products. Manufacture of leather and fur products. Manufacture of chemicals and chemical products. Manufacture of fundational products. Manufacture of f	Consumed Name und the Industry workers. fo employees. consumed. consumed. multiple forum. for	Manufacture of paper, paper products, furniture forunce. Communication of corner. Corner.

RUPEES IN LAKHS.

	lestrical Name and Industry oup Group	Products.	Other output.	Total output.	Deprecia- tion.	Value added.	Factor payment.	Net income
20	-21 Manufacture of food production.	(18) 32,662	(19) 4,158	(20) 36,820	(21) 693	(22) 4,713	(23) 956	(24) 3,757
	Manufacture of Beverage Tobacco and Tobacco products.	3,886	2,539	6,425	48	716	151	565
23	Manufacture of cotton textiles.	54,414	3,517	57,931	1,230	9,971	2,361	7,610
2.1	Manufacture of wool, silk synthetic fibres, Jure and mesta Textiles.	4.222	130	4,352	126	540	103	437
25	Do.	2	17	19	••	11	1	10
26	Manufacture of Textile products.	3,663	603	4,266	55	578	146	432
27	Manufacture of wood and wood products, furniture and fixture.	554	189	743	10	186	24	162.
28	Manufacture of paper, paper products printing publishing.	8,350	3,053	11,403	460	4,264	456	3,808
29	Manufacture of leather and fir products.	17,25	5 3,275	20,530	199	2,362	398	1,964
30	Manufacture of Rubber plastic petroleum and coal products.	39,916	776	40,692	834	4,104	427	3,677
31	Manufacture of chemicals and chemical products.	37,538	2,642	40,180	3,063	4,356	3 ,9 71	385
32	Manufacture of non-metallic mineral products.	12,456	229	12,685	410	2,624	\$ 02	2.122
3 3	Manufacture of Basic metal and Alloy Industries.	11,711	1,558	13,269	532	2,315	810	1,505
34	Manufacture metal products except machinery and Transport equipment.	4,113	1,351	5,464	172	1,458	194	1,264
35	Manufacture of machinery and machine tools, etc.	1 30,846	2,564	33,410	750	11,337	1,583	9,754
36	Manufacture of Electrical machinery apparatus, etc.	9,506	433	9,939	198	2,775	418	2,357
37	Manufacture of Transpora equipment and parts.	27,777	2,904	30,681	730	8,846	686	8,157
38	Other Manufacturing Indus-	1,146	309	1,455	65	4 37	156	281
40	tries.	19,706	135	19,841	1,943	5,206	3,091	2,115
	Consumal Stances	23	19	42	1	12	••	12
	Widen models and models	149	• •	149	5	5 6	• •	56
	Sanitary services	••	32	32	2	12		12
	Recreational and cultural	••	200	200	14	107	15	92
	services.	3	45	48	1	22	2	2
	Personal services	221	5,213	5,434	148	1,383	41	
*	Repair Services State	3,20,121	35,891	3,56,012	11,690	68,389	16,494	51 002
	KILINET		ه محاله می سدد. - ه - سعدد داری سدد.	عدا (۱۹۶۸ كوك مين رسمين سي			10,494	51,895

INDUSTRIAL PRODUCTION BY PRODUCTS.

Industrial Production increased during the quarter and discount of Supernion (1979) and the Number 1979 in the Quarter ended from 1979 and 179 at the greater to subset 1979.

Yarn (71:4 per cent), Printing Paper (39:1 per cent), Superior Kerosene (29:1 per cent), Substitute (26:2 per cent), High Pressure Boilers and Fining (46:3) was an an analysis of the pressure Boilers and Fining (46:3) was an an analysis of the pressure Boilers and Fining (46:3) was an an analysis of the pressure Boilers and Fining (46:3) was an an analysis of the pressure Boilers and Fining (46:3) was an an analysis of the pressure and Fining (46:3) was an analysis of the pressure and Fining

Sizable decreases in output were observed in respect of Gypsum (47.3 per cent), Sugar Refined (28.0 per cent), Ten Processed (26.8 per cent), Prints and Enemity (42.5 per cent), Varnishes (54.8 per cent), Tractors (87.9 per cent), Diesel Engines (22.0 per cent), Transformers (22.1 per cent), Completed Motor Vehicles (20.2 per cent), Motor Cycles (44.2 per cent) and Synthetic Gem Stones (33.4 per cent).



4-2. INDUSTRIAL PRODUCTION BY PRODUCTS.

Seriel number and name of the			, , , , , , , , , , , , , , , , , , , ,	Production during.		
product.		Unit.	April 1979. (R)	May 1979. (R)	June 1979. (P)	Total.
(1)		(2)	(3)	(4)	(5)	(6)
Mining.						
l Lignite		Tonne.	3,04,334	2,60,392	3,24,706	8,89,342
2 Bauxite		,,	7,364	7,161	5,663	20,188
3 Limestone	••	••	3,61, 667	3,78,653	3,97,000	11,37,320
4 Magnesite	••	**	15,632	17,333	24,463	57,428
5 Gypsum	••	**	6,058	7,151	5,656	18,865
Manufacturing.						
Sugar (Refined)		ye	85,756	67,639	22,573	1,75,468
? Hydrogenated (Vanaspathy	y)		1,571	1,872	1,716	5,159
8 Refined oil		,,	330	433	426	1,189
O Tea (Processed)		89	6,656	7,322	6,243	20,221
ii) Coffee (Cured)		p 0	1,087	819	686	2,592
11 Cotton yarn			17,204	9,288	3,832	30,324
12 Cotton woven piece goods		' 000 '	13,571	11,566	1,098	26,23 5
13 Printing paper		Tonge.	1,859	2,310	2,343	6,512
14 Tyres (all types)		No-	3,60,116	4,10,920	4,90,255	12,61,291
15 Tubes (all types)	• •	0.7	3,12,923	2,26,764	2,56,905	7,96,592
6 Superior Kerosene		Tonne.	27,023	25,947	17,229	70,199
17 High Speed Diesel oil		9.0	40,775	54,455	63,302	1,58,532
18 Ammonia		**	36,971	43,982	45,979	1,26,932
19 Caustic Soda		**	7,783	7,810	7,480	23,073
20 Urea	• •	**	54,717	67,319	72,406	1,94,442
21 Super phosphate		**	10,114	11,441	16,118	37,973
22 Mixed Fertilizer		P P	72,076	70,648	57,233	1,99,95?
23 Pesticides		•	1,110	1,559	2,009	4,678
24 Paints, Enamels		Kilogram.	3,26,040	3,33,638	6,06,559	12,66,237
25 Varnishes		Litre	18,007	28,315	27,943	74,265
26 Safety matches	٠.	Gross boxes	76,75,189	77,12,686	76,68,542	2,30,56,417
27 Refractories		Tonne	13,314	13,223	11,727	38,364
28 Cement		.,	2,71,666	3,03,461	2,84,017	8,59,144
29 Asbestos cement product	t s	**	6,175	6 ,44 4	6,507	19,126
30 Coated abrasives		Reams	8,376	7,476	9,153	25,005
31 Bonded abrasives		Tonne	384	359	376	1,119
32 Iron and Steel (metal)		**	9,782	9,680	9,851	29,313
33 Casting (iron and steel)		,,,	4,123	3,959	4,354	12,436
34 Non-ferrous (metal)		,,	2,181	2,113	2,060	6,354
35 Metal containers (caps closures).	g mad	ι "	858	893	955	2,70 6
R-Revised. P-Pre	ovisic	Number	448	648	744	1,840

BI 147-2-10

				Proc	luetion during	eont.		Personings of increase or decrease
			Vnit.	July 1979. (P)	August 1979. (P)	September 1979. (P)	Total.	over Total of previous quarter.
	(1) Mining.		(2)	(7)	(8)	(9)	(10)	(11)
1	Lignite		Tenne.	3,19,000	3,21,972	3 ,21,97 2@	9,42,944	(+) 8.3
1	Bauxite			5,97 0	7,000	7,000@	19,970	() 1·1
3	Limestone		2,	4,41,000	4,23,000	4,23,000@	12,87,000	(+) 13-2
4	Magnesite		. 3u	25,683	26,973	2 6, 973 @	79,629	(4) 38.7
2	Gyprum		. ,	5,496	2,226	2,226@	9,948	(-) 47·\$
	Manufacturing.	•						
•	Sugar (Refined)		98	9,829	5,423	5,816	21,068	(—) \$8∙\$
1	Hydrogonated (Vanasy	athy)	. 29	1,834	1,231	1,232	4,297	() 16·7
1	Refined oil		9.0	527	383	182	1,092	(—) 8·2
9	Tea (Processed) .		50	3,747	2,953	\$, 097	14,797	() 26.8
10	Coffee (Cured) .		39	1,331	868	794	2,993	(+) 15.5
11	Cotton yara		,,,	11,557	19,376	21,033	51,966	(+) 71.4
12	Cotton woven price go	ods	" 000 "	5,908	10,900	13,104	29,912	(+) 14.0
13	Priting paper		Tana	3,321	3,489	2,300	9,100	(+) 39.9
14	Tyres (All types) .		Number.	6,28,47 9	6,29,732	1,05,071	13,63,282	(+) 8.1
15	Tubes (All types)		**	3,87,152	3,91,715	81,077	8,59,944	(+) 8.0
16	Superior Kerosene		33	24,827	32,201	33,625	90,653	(+) 29.1
17	High Speed Diesel oil		33	5 9,365	55,844	50,874	1,66,083	(+) 4.8
18	Ammonia .		29	35,132	46,480	44,465	1,26,077	(—) 0.₹
19	Caustic Soda .		29	8,877	6,425	6,859	12,161	() 3⋅9
20	Urea		39	64,351	82,340	64,769	2,11,460	(+) 8.8
21	Super phosphate .		**	15,617	15,771	11,854	43,242	(+) 13.9
22	Mixed Fertiliser		**	56,131	54,025	61,019	1,71,175	() 14.4
23	Pesticides'		Tonne	1,819	1,745	1,083	4,647	() 0∙₹
24	Paints, Enamels	* *	Kilogram,	1,82,866	1,29,228	4,03,337	7,15,431	(—) 43· 5
25	Varnishes		Litre	8,718	11,823	13,035	33,576	() 54 ·8
26	Safety matches		Gross boxes	76,90,312	98,72,153	1,15,41,651	2,91,04,116	(- ·) 26·2
27	Refractories	• •	Tours	13,527	9,791	12,319	3 5,6 37	(—) 7-1
28	Cement	••	**	3,22,344	3,08,391	2,50,981	8,81,716	(+) 2 ·6
19	Asbestos cement produ	icte	**	6,382	6,667	5,962	19,011	() 0-6
30	Coated abrasives	••	Reams	8,963	7 ,75 3	8,101	24,817	() 0·7
31	Bonded a brasises	••	Tonne	367	320	320	1,007	() 10-0
32	Iron and Steel (metal)	••	22	10,397	10,098	10,413	30,908	(+) 5.4
13	Casting (Iron and Steel)	••	**	4,528	4,614	4,214	13,356	(+) 7.4
34	Non-Ferrous (Metal)	••	**	2,206	2,160	2,107	6,473	(+) 1.9
35	Metal containers (Car Closures).	e and	39	1,009	1,034	841	2,884	(+)6.6
36	Tractors	••	Number	136	Nil.	271	407	()87-9
	@-Pigures relate to	previo	us month.	R-Revised.	P=Provid	sional.		

^{@-}Pigures relate to previous month. R-Revised. P-Provisional.

4.2 INDUSTRIAL PRODUCTION BY PRODUCTS-cont.

sumber and name of the		Pro	oduction during-		
product.	Unit.	April 1979. (R)	мау 1 979. (R)	June 1979 P)	Total.
(1)	(2)	(3)	(4)	(5)	(6)
37 Earth moving Machinery	Number	20	29	65	114
38 High pressure (Boilers and Fittings).	Tonne	4,212	5,814	7,268	17,294
39 Diesel Engines	Number	4,813	4,840	\$,397	15,050
40 Frames	**	104	97	118	319
41 Power Driven Pumps	**	16,522	16,538	14,887	47,947
42 Typewriters	,,	2,709	2,545	1,4 83	7,737
43 Fransformers	KVA	21,893	97,050	68,978	1,87,921
44 Electric Motors	Number	14,035	15,280	14,304	43,619
45 Dry Cells	**	1,02,63,794	72,85,536	1,22,13,000	2,97,62,330
46 Railway Coaches	,,	54	56	56	166
47 Railway Wagons	,,	38	29	40	107
48 Completed Motor Vehilces	,,	230	228	360	718
49 Motor Vehicles Chassis	J >	1,004	1,074	1,062	3,140
30 Body Building	**	113	133	116	362
51 Motor Cycles	11	2,236	2,255	2,053	6,544
\$2 Bicycles	2.0	31,753	36,087	33,024	1,69,864
53 Synthetic Gematones	Kilogram	2,353	2,359	1,788	6,500
## Electricity Generated	Million KWH	746-748	678-890	667 ·478	2,093-116

[@] Figures related to previous month.

R = Revised.

P = Provisional.

			,	Production du	ring.		Persentage of increose or fratesse over Total
		U	Init. July 19	79. Augus 1979. (P)	t Septemb 1979. (P)	er Total	of previous avarter
(1)—cont.		(2)	(7)	(\$)	(9)	(10)	(11)
37 Earth Moving Machinery		Number	54	28	20	102	() 10-5
36 High pressure (Bellers : Fittings).	bea	Torne	7,279	1,111	9,227	25,394	(+) 46.8
39 Diecel Engines		Mun ber	3,973	5,497	4,273	11,743	(—) 22·0
40 Frames		De.	107	94	128	329	(+) 5-1
44 Power Driven Pumps		D o .	14,884	14,507	19,933	46,384	(—) 9·\$
42 Typewriters	٠.	$\mathbf{D}_{\mathbf{\Phi}}$,	2,900	2,837	2,466	8,193	(+) 5.9
46 Transfermers	٠.	KYA	53,840	44,663	47,900	1,46,412	() 23·1
44 Electric Motors		Mumber	14,340	13,489	10,885	38,664	() 11·4
46 Dry Cells		De.	1,00,89,673	1,18,48,041	1,07,33,598	3,23,71,312	(+) 8-8
46 Railway Coaches		De.	6 2	60	62	184	(+) 10-8
47 Railway Wagons		De.	77	83	43	228	(+) 113-1
48 Completed Motor Vehicles		Do.	240	215	118	873	() 20-2
49 Motor Vahicles Chassis		Do.	1,087	1,001	911	2,999	() 4.5
30 Body Building		De.	127	171	179	477	(+) 31-8
#1 Motor Cycles		Do.	1,172	1,551	928	3,651	(—) 44·2
2 Bicycles		Do.	27,036	37,317	25,410	89,76 3	() 11-0
53 Synthetic Generatones	. ,	Milogram	1,046	1,810	1,471	4,327	() 33-4
54 Electricity Generated		Million KN	MH 873-962	978-084	618-916	2,667-964	(+) 27-5

4-3. INDEX NUMBERS OF INDUSTRIAL PRODUCTION (1970 - 100).

Aeriel	Code num-	Name of Industry,	Index numbe	r for the mon	th.	Average for the
ber.	ber.		April 1979. (R).	May 1979. (R).	June 1979. (P).	enariar ended June
a)	(2)	(3)	(4)	(5)	(6)	1979. (T)
		I. Mining	102-7	94-6	94-5	97-3
1	101	Ligaite	103-0	88-1	88-1	93-1
2	123	Bauxite	104-2	101-3	101.3	102-5
8	190	Stone Quarrying clay and pits	104-1	108-3	106-3	105-3
4	196	Precious and Semi precious stone		• •	• •	• •
6	194	Mica (Crude)	• •		••	•
6	195	Gyptum	7 6·3	90-1	83-0	\$3-1
		II. Manufacturing	162-9	165-1	161-3	163-1
*	201	Manufacture of dairy products	220-2	229-2	185-5	211-0
	204	Grain Mill Products	109-2	125.7	105-1	113-6
•	205	Manufacture of Bakery Products	161-2	182-3	204-5	182-6
10	206	Sugar (Refined)	211-9	247-0	92.9	217-1
11	207	Production of Indigencous Sugas	395-5	402-5	154-9	317-6
12	208	Salt	151-8	181-3	216-5	183-2
13	209	Manufacture of Cocoa, Chocolate and sugar confectionery.	78-5	96-2	100-7	91-8
14	210	Vanaspathy	112-8	134-4	130-7	126-0
15	211	Refined oil	36-4	47-8	47-0	43-7
16	212	Ten (Processed)	149-2	164-2	140.9	151-1
17	213	Coffee (Cured)	188-0	141-7	118-7	149.5
18	216	Prepared Animal Feeds	453-1	451-9	492-5	459-1
19	220	Distilling, Rectifying and bleaching of spirits.	141-4	154-2	108-6	134-7
20	224	Soft Drinks and Carbonated water	95.9	101-1	95.7	97-3
21	228	Manufacture of chewing tobacco, Jarda and snuff.	145-2	150-4	150-1	148-€
22	131	Cotton spinning weaving and finishing of Cotton Textiles in mills.	114.8	64 *9	36- 3	72- 0
23	247	Spinning, weaving and finishing of other textiles.	180-3	175-3	133-5	163-0
24	280	Manufacture of pulp, paper and Paper Board including Newsprint.	182-9	199-2	189-6	190-6
25	300	Tyre and Tube Industries	89-1	91-2	107-4	95.9
26	302	Manufecture of Rubber Products n.c.c.	80.3	79.3	78. 9	79.5
27	303	Manufacture of plastic products n.e.s. (except house furnishing).	250-9	300-3	342-3	297 -8
**	304	Petroleum Refineries	123-5	135.0	150-6	136-4
23	310	Manufacture of basic industrial organic and inorganic chemical and gases.	321-8	354-8	350-9	342-5
30	\$11	Manufacture of fertilisers and posticides.	578-6	616-3	573-4	589-4
\$1	512	Manufacture of paints varnishes and lacquers.	93-0	109.9	124-8	109-2
32	813	Manufacture of drugs and medicines	317-1	487.3	471-9	425-4
23	314	Manufacture of perfumes Cosmelles soap in any form, etc.	190-9	205 ·7	2165	204-4

.3 Index Number of Industrial Proposition (1970 = 100),— c_0nt .

Barial	Code		Index n	Average		
pers- 2016- ber. ber.		Name of Industry.	July 1979. (P).	Angust. 1979 (P).	September 1979. (P)	for the quartor anded Söptomber 1979.
(1)	(2)	(3)	(8)	(9)	(10)	(11)
		I. Mining	114-6	114:4	1144	114-5
1	101	Lignite	108-0	109-0	109-0	108-7
2	123	Bauxite	84.5	99-1	99-1	94-2
3	190	Stone quarrying clay and pits	132.0	131-1	131-1	131-4
4	193	Precious and Semi precious atone	. ,		• •	
5	194	Mica (Crude)	14.3	14-3	14.3	14.3
4	195	Gypsum	69.2	28.0	28-0	41.7
		II. Manufacturing	165-5	181-6	187-9	178-3
7	201	Manufacture of dairy products	183.6	183.0	181· 3	18 2 ·6
8	204	Grain Mill Products	121.7	129-1	133.0	127-9
9	205	Manufacture of Bakery Products	224-4	227-1	205-7	319-1
10	206	Sugar (Refined)	35.9	19-8	31-3	25 ·6
11	207	Production of Indigeneous Sugar	51.3	23-9	15 -7	30-3
12	208	Salt	243-9	245-0	255-2	24 8·0
13	209	Manufacture of Cocoa Chocolate sugar confectionery.	85.7	97.8	97· 7	93-7
14	210	Vanaspathy	131.7	88.4	88-4	102.8
15	211	Refined oil	58-2	42-3	20-1	40.2
16	212	Tea (Processed)	140.0	66.2	187-5	129-2
17	213	Coffee (Cured)	230.0	150-2	137-4	172-5
18	216	Prepared Animal Feeds	522-1	540-2	402:7	488-3
19	220	Distilling Rectifying and bleaching of	60.0	1000		
20	224	spiritis. Soft Drinks and Carbonated Water	69.8 8 6 ·5	186.6 72.9	92.5 65·0	116:3 74:8
21	228	Manufacture of Chewing tobacco, Jarda and snuff,	143*4	153*2	1.40.0	140.4
22	231	Cotton spining, weaving and finishing of cotton textiles in mills.	74.8		149-8	148:8
23	247			126.2	137.9	113.0
24	2 8 0	Spinning weaving and finishing of other textiles.	170·1	281.7	268-9	240-2
24	46 0	Manufacture of pulp, paper and paper Board including Newsprint.	208.9	214.6	160.6	194.7
25	300	Tyre and Tube Industries	142-7	143-3	25.2	103.₹
26	302	Manufacture of Rubber Products n.e.c.	91.4	97 .7	90.9	93.3
27	303	Manufacture of plastic products n.e.c. (except house furnishing).	352.8	343.5	394-8	344-8
28	304	Petroleum Refineries	159-2	151.5	144-4	151-7
29	310	Manufacture of Basic industrial organic and inorganic chemical and gases	313.7	343.4	338.2	331.7
30	311	Manufacture of fertilisers and pesticides.	538-9	588-8	\$56-8	561 ⋅5
31	312	Manufacture of paints varnishes and lacquers	47-4	32.3	113-5	64:3
32	813	Manufacture of drugs and medicines	392-7	454-6	899-0	415-4
36	314	Manufacture of perfumes Cosmetics soap in any form, etc.	212-6	201-9	67-1	100-3

Eorial Mari-	Code	Name of Industry.	Indon u	Average		
ber.	bor.	,,	April 1979 (A).	May 1979 (A).	Jane 1979 (P).	for the quarter ended June 1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
34	316	Manufacture of Turpentine, Synthetic resin and plastic materials, etc.	95.7	134-6	122-4	114-1
56	814	Safety Matches	247-2	348-4	847-0	247.5
36	\$18	Manufacture of explosives ammunition and fire works.	192-4	226-8	232 ·1	223.8
97	\$19	Manufacture of Chemical products n.e.s.	196-4	208-3	318-0	218-9
52	120	Manufacture, of Structural clay products.	111-7	111.2	96-7	107-3
59	321	Manufacture of glass and glass products	42.8	27.0	29-9	53-3
40	323	Manufacture of Earthern ware and Porcelain ware.	206-4	225 -2	228.0	\$19-9
41	324	Manufacture of Cement Lime, and Plaster.	136-2	152-2	138-5	142-8
42	326	Manufacture of structural stone goods, stone were, stone dressing and stone crushing.	152-8	133.8	121-5	136-0
43	328	Manufacture of Asbestos coment and other Coment products.	155-2	141-1	142-5	129-6
44	329	Manufacture of miscellaneous aos-metal mineral products.	137-4	135-4	147-5	140-1
45	330	Iron and Steel Industries	161.2	173-7	175-5	170-2
46	331	Foundries for casting, and forging iron and steel.	146-9	158-0	166-1	157-0
41	339	Other non-ferrous metal Industries	139-5	136.0	135-6	137-0
48	346	Manufacture of fabricated metal products.	153-8	157-3	165-8	159-0
49	343	Manufacture of hand tools and general hardware.	413.0	312-6	347-8	387-6
50	344	Enamel Sign boards and other enamel products.	70-0	100-0	90.0	80.7
51	345	Manufacture of metal utensils cutlery and Kitchenware.	66.4	64-1	72.1	67·Y
5 7.	349	Manufacture of metal products except machinery and Transport equipment N.E.C. like type founding.	117-0	146-1	11 5-7	126-3
5 3	350	Manufacture of Agricultural machinery	247-4	378.9	389-7	338-7
54	351	Manufacture and repair of heavy Machinery and equipment used by construction and mining industries.	61-4	88-1	\$6.9	78-8
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines. and parts.	247-6	320-3	392-8	320-2
36	353	Industrial machinery for food textile and Industries.	196-8	188-7	223-0	202-8
\$7	355	Manufacture of refrigerators, Air conditioners, and fire fighting equipment and their parts component and accessories.	15-2	12-1	12-1	13-1
*	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	122-5	1\$4-1	134-3	157-6
90	857	Manufacture of machine tools, their parts and accessories.	214-4	181-6	201-1	199-0
**	358	Manufacture of office computing and accounting machinery and parts.	419·1	105.0	289 ·8	532. 0

Serial man- ber:	Code nitto- ber.	Name of industry.	J.by 1979 (P).	August 1979 (P).	### tember 1979 (P).	Average for the quarter ended September
(1)	(2)	(3)	(8)	(9)	(10)	19 79 . (11)
34	316	Manufacture of Turpentine, Synthetic resin and plastic materials, etc.	118-4	132.4	129-8	186.9
35	317	Safety Multiplies	24 7.7	313.8	318.0	294.8
16	318	Manufacture of explosives and ammunition and fire works.	248-8	350-\$	383-5	327-6
37	319	Manufacture of Chemical products, n.e.c.	336-6	373.2	369.7	359⋅8
18	320	Manufacture of structural clay products	113.7	\$2.5	103-5	99.9
39	321	Manufacture of glass and glass products.	••	••	• •	•••
40	323	Manufacture of Earthern ware and Porcelain ware.	219.5	239-1	215-1	224-6
41	324	Manufacti re of Cement, Lime and Plaster.	161.7	154-7	125-9	147-4
42	326	Manufacture of structural stone goods, stone ware, stone dressing and stone crushing.	125-8	121.0	118-9	121 ⋅ ୭
43	328	Manufacture of Ashestos cement and other cement products.	139-7	146.0	130-5	138-4
44	329	Manufacture of miscellaneous non-metal mineral products.	138-1	132.7	134-5	135-1
45	330	Iron and Steel Industries	181.7	170-1	171-7	174-5
46	331	Foundaries for casting and forging iron and steel.	148.8	155-7	206.6	170-4
47	339	Other non-ferrous metal industries	143-6	140-4	135-4	139-8
48	340	Manufacture of fabricated metal products.	199-1	196-4	133-4	176-3
49	343	Manufacture of hand tools and general bardware.	394-2	268-3	355-8	372-8
50	344	Enamel sign boards and other enamel products.		70.0	70.0	46.7
\$1	345	Manufacture of metal utensils autlery and Kitchenware.	75-8	70-3	62-5	69 - 5
52	349	Manufacture of metal products except machinery and Transport equipment N.E.C. like type founding.	132-1	120-9	120∙₹	124-4
53	350	Manufacture of Agricultural machinery	145-2	90.7	205-8	147-2
54	351	Manufacture and repair of heavy machinery and equipment used by construction and mining industries.	159-0	103-9	14-2	112-4
55	352	Manufacture of prime movers, boilers and steam generating plants such as diesel engines and parts.	376-2	443-2	467-8	429-1
56	353	Industrial macinery for food textile and Industries.	203.0	181-5	242.8	209-1
57	355	Monufacture of refrigerators, Air Conditioners and Fire fighting equipments and their parts compoundents and accessories.	12.1	18,2	15,\$	15.8
83	356	Manufacture, alteration and repair general items of non-electrical machinery components equipment and accessories n.e.c.	123-0	11 3·1	104-7	113-6
80	357	Manufacture of machine tools, their parts and accessories.	214-3	20\$-9	237-5	219-2
44	358	Manufacture of office computing and accounting machinery and parts	337-4	287.1	275.6	309· 0

Seria i Code		Mary of Values	Index ni	Average		
nuni- ber.	num- ber.	Name of Industry.	April 1979 (R).	May 1979 (R).	June 1979 (P).	for the quarter ended June 1979
(1)	(2)	(3)	(4)	(5)	(6)	(7)
61	360	Manufacture of electrical machinery and apparatus and parts.	235-7	284.0	228.7	249.5
62	361	Manufacture of insulated wires and cables.	82.7	103.0	160.0	115-2
63	362	Manufacture of dry and wet batteries	109-1	81 1	128-1	106-1
.64	363	Manufacture of electrical appratus, appliances and other parts.	7 2·6	50-0	98.3	73.6
65	364	Manufacture of radio and television trans- mitting and receiving sets.	3 .5 .	20-3	131-4	51.7
66	370	Ship building and repairing	41.7	75.0	75.0	63.9
67	372 .	Manufacture of railway wagons and coaches and parts.	96.3	97.5	95.9	96.6
68	374	Manufacture of motor vehicles and parts	196-6	203-3	211-9	203.9
69	375	Manufacture of Motor cycles and Scooters and parts.	257-6	259.8	236-5	251 3
70	376	Manufacture of bicycles, cycle-rickshaw and parts.	93.0	103-1	96-6	97-6
71-	3.79	Manufacture of Transport equipment and parts n.e.c.	58-1	86.0	76.7	73-6
72	380	Manufacture of medical, Surgical and Scientific equipment.	49.3	66-4	61.3	59-0
73	381	Manufacture of photographic and opitical goods.	15-4	15:4	15-4	15-4
74	382	Manufacture of watches and clocks	236-1	282-4	244-4	254-3
75	387	Manufacture of Stationery articles n.e.c	52.3	68 ·3	52.9	57.8
76-	389	Manufacture of miscellaneous products n.e.c.	127-1	127-4	96.5	117-0
		III. ELECTRICI	TY.			
77	400	Electricity Generated	167-6	152-3	149-8	156-6
		General Index	161 5	160-6	157-2	159-8
		P-Provisional	R-F	Revised,		

Serial	Code				number for t	he month
num- ber.	num- ber.	Name of Industry.	July 1979 (P).	August 1979 (P).	September 1979 (P).	Average quarter ended September 1979.
(1)	(2)	(3)	(8)	(9)	(10)	(11)
61	360	Manufacture of electrical machinery and appratus and parts.	222-9	213-4	240-6	225 • 6
62	361	Manufacture of insulated wires and cables.	115-3	111-5	121.7	116-2
63	362	Manufacture of dry and wet batteries	109-6	123-3	113-4	115-4
64	363	Manufacture of electrical appratus, appliances and other parts.	138-2	755-7	836.0	576.6
65	364	Manufacture of radio and television transmitting and receiving sets.	155-0	156-9	141-1	151.0
66	370	Ship building and repairing	141.7	116.7	141.7	133-4
67	372	Manufacture of railway wagons and coaches and parts.	109-8	106-5	116.2	110-8
68	374	Manufacture of motor vehicles and parts	209-1	172.7	176-6	186-1
69	375	Manufacture of Motor cycles and Scooters and Parts.	135.0	178.7	106.9	140 2
70	37 6	Manufacture of bicycles, cycle-rickshaw and parts	82-9	107-6	78-8	89 8
71	379	Manufacture of Transport equipment and parts n.e.c.	46.5	58-1	93-0	65-9
72	380	Manufacture of Medical, Surgical and Scientific equipment.	55-5	61-3	47.5	54-8
73	381	Manufacture of photographic and opitical goods.	15-4	q #	••	5.1
74	382	Manufacture of watches and clocks	317-4	127-8	110.9	185-4
75	387	Manufacture of stationery articles n.e.c	38.8	57-5	50-3	48.9
76	389	Manufacture of miscellaneous products, n.	o.c. 56.5	97.7	79.4	96.7
		III. ELECTRICITY.				
77	400	Electricity Generated	196-1	219-5	183-2	199-6
		General Index	168-4	185-1	184-6	179 4

P=Provisional.

R=Revised.

V. HANDLOOM.

The production of handloom Cloth in Tamil Nadu during the quarter ended September 1979 was estimated at 161,431,000 metres as against the 167,777,000 metres during the previous quater. The decrease is just 3.78 per cent. This fall in the production of Handloom Cloth was mainly due to the Textile Mills strike throughout Tamil Nadu during the quarter under review. As a result there was a spurt in yarn prices and the weavers were not in a position to get mough yarn.

Amount the different varieties of cloth produced, saree accounted for 29.61 per cent and dhoties, towels, and Lungies for 12.73 per cent, 19.66 per cent and 8.41 per cent respectively. The remaining 29.59 per cent of the production was shared among shirting, bedspreads, carpet, gada, etc.

Out of the total production, cotton fabrics have accounted for 87.55 per cent followed by mixure of Cotton and art silk, artsilk and silk fabrics with 5.29 per cent, 6.46 per cent and 0.70 per cent respectively.



				5·1. Pr	RODUCTI	ON OF	HANDLOOM CLOTI	a.	(in 000 metres)
	Varie	ty of	Cloth.				Quarter ended March 1979.	Quarter ended June 1979.	Quarter ended September 1979.
	((1)					(2)	(3)	(4)
					A. C	OTTO	м.		
1 Dhoties		••			• •		19,943	20,5 31	20,379
2 Sarees	••	••		• •	••	••	32,660	33,592	30,023
3 Towels	••	••		••	••	••	34,551	35,711	31,731
4 Handkerch	ofs			• •	••		541	641	661
5 Lungies			٠.		• •	••	13,488	13,240	13,387
o Bedspreads		••		••		••	12,840	13,233	16,903
7 Angavastra	ms		• •			• •	1,916	1,765	1,678
8 Shirtings		• •	• •		• •		6,499	6,771	6,087
9 Coatings	• •		• •			• •	626	355	308
10 Gada	• •			• •		••	7,183	7,529	6,57 6
11 Carpet				• •			8,390	8,225	7,604
12 Curtain Clo	oth						922	957	840
13 Pillow Cov	CI T	• •					1,220	1,272	1,122
14 Pavadai an	d Dha	vani					1,939	2,049	18, 17
15 Others	• •	• •		• •	• •	• •	2,409	2,471	2,214
					Total)	1,45,132	1,48,440	1,41,330
						B. SIL	K.		
1 Dhoties							115	134	112
2 Sarees							937	937	978
3 Angavastra	ms			٠,	• •				
. Pavadai an	d Dha	ingva					11	24	18
5 Others				• •			22	31	21
					Tota	al	1,085	1,162	1,130
						C. AF	at silki		
1 Dhoties						••	30	35	42
2 Sarees		• •					7,801	8,504	8,384
3 Lungies	••	••		••		••	98	192	186
4 E wadai a							49	41	70
5) has	••	••	• •	••	••	••	1,619	1 498	1,741
					$T_{\mathbf{O}}$	ta)	9,597	10,270	10,423

5.1	PROPROTION	ΔŦ	HANDSON	CI OTTO COME

				J. 1. 11	(in 000 metres				
	Va:	est of	Cloth				Quarter ended March 1979.	Quarter ended June 1979.	Quarter ended September 1979.
		(1)					(2)	(3)	(4)
				D. M	IXTURI	E OF	ARTSILK AND	COTTON.	
1 Dhoties						• •	5	5	9
2 Sarees					• •		7 797	7,753	8,40 8
3 Others	••			• •	• •	• •	105	147	131
					Total	••	7,907	7,905	8,548
			GR	AND 1	TOTAL	• •	1,63,721	1,67,777	1,61,431

VI. JOINT STOCK COMPANIES

NEW REGISTRATIONS AND LIQUIDATIONS OF JOINT STOCK COMPANIES.

During the quarter ended December 1979, 3 Public companies and 100 private companies were newly registered as against 7 public companies and 74 private companies during the previous quarter.

The total authorised capital of the newly registered public and private Companies during the quarter ended December 1979 was Rs. 1,245.99 lakhs as agains Rs. 866.30 lakhs during the previous quarter.

During this quarter under review as well as the previous quarter no company went into liquidation.

6.1 New REGISTRATION AND LIQUIDATION OF JOINT STOCK COMPANIES.

							New R	egistro			
				Number of companies.					Authorised capital.		
	Mont	h.		Pu	blic.	Private	Total.	Pu	blic.	Private.	Total.
							(RUPEES	IN LA	KHS.)		
		(1)			(2)	(3)	(4)		(5)	(6)	(7)
October 1979		* *	 		4	3	0	34	62.00	284.80	346-80
November 1979			 		1	3	5	36	0.20	353.29	353-49
December 1979		• •	 ••	• •	3	3	5	38	299.75	245.95	545 ·7 0
			Total	••	8	10	0 1	08	361.95	884-04	1,245.99
						a rese y re-	The second of		and the second		

Liauida	
- <i>1 10</i> 111110	mon

					Enquinteriori.							
					Num	ber of compa		Aut	thorised Cap	ital.		
	`.' <i>O</i>	ura			Public.	Private.	Total.	Public.	Private.	Total.		
						(1	RUPEES IN L	AKHS)				
					(8)	(9)	(10)	(11)	(13)	(13)		
October 1979			 . •			• •		••		· a		
November 1979			 		. •			• •	6.6	,		
December 1979	٠.	• •	 ••		• •	••	••	••	••			
			T e tal	ì					TARREST	9.		
			1 4.00	•					4 c.	3-7		

6.2. Industrial Break-up of New Registration of Joint Stock Companies.

Number of companies.

				·		
	Month : C	October 1979		Month	: November	1979
	Public.	Private.	Total.	Public.	Private	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
(0) Agriculture and allied activities		2	2	• •	2	2
(1) Mining and quarrying	••	1	1	• •	• •	
(2) Processing and Manufacture of food stuff, textile, leather and product thereof	1	5	6	••	5	5
(3) Processing and Manufacture metal chem and product.	ical	9	9	••	11	11
(4) Processing and manufacture not elsewhere classified	••	4	4	••	2	2
(5) Construction and Utilities	• •	* *		• •	2	2
(6) Commerce (trade and finance)	2	5	7	1	6	7
(7) Transport and Communication service	• •	3	3	• •	2	2
(8) Community and business service	1		1	• •	••	••
(9) Personal and other services	••	1	1	• •	5	5
Total	4	30	34	1	35	36

Number of Companies.

	Month	1 December 1979.	
	Public.	Private.	Tetal.
(1)	(8)	(9)	(10)
Agriculture and allied activities		• •	••
1) Mining and quarrying		• •	
2) Processing and Manufacture of food stuff, textiles, leather and product thereof.	1	\$	6
3) Processing and Manufacture metal, chemical and products	1	14	15
Processing and manufacture not elsewhere classified	••	7	7
5) Constriction and Utilities	1	1	3
6) Commerce (trade and finance)		4	4
7) Transport and Communication service	••	1	1
8) Community and business service	••	1	1
9) Personal and other services	••	1	1
Total	3	35	38

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INDUSTRIAL BREAK-UP OF NEW REGISTRATION OF JOINT STOCK COMPANIES IN TAMIL NADU

Authorized Capital rupees in lakhs.

	Mo	nth : October	1979.	Mon	th : Novemb	er 1979
	Public.	Private.	Total.	Public.	Private.	Total.
(1)	(11)	(12)	(13)	(14)	(15)	(16)
Agriculture and allied activities		125.30	125-30	• •	20.00	20-00
(1) Mining and Quarrying		10.00	10-00	••		
(2) Processing an Manufecturing food stuffs, textiles, leather and Product thereof.	10.00	57 · 5 0	67-50		55.00	35-00
(3) Processing and Manufacture of metal, chemical and Products thereof.		33.00	33-00	••	48-30	48∙3●
(4) Processing and manufacture not elsewhere classified.	••	32.00	32.00	••	15.00	15.00
(5) Construction and Utilities	4.9		• •	- +	6.00	6.00
(6) Commerce (trade and finance)	51.00	19.00	70.00	0.20	119-99	120-19
(7) Transport, communication services		3.00	3.00		21.00	21.00
(8) Community and Bushines services	1.00		1.00	* *	• •	
(9) Personal and Other Services	3	5 ·00	5.00	p. di	68-00	68.00
Total	62.00	284-80	346-80	0.20	353-29	353-49

VII. ELECTRICITY.

GENERAL CONSUMPTION AND RURAL ELECTRIFICATION

During the quarter ended December 1979, the generation of Electricity was 2,062 million units as against 2,075 million units during the previous quarter.

The total consumption of electricity increased from 2039 million units during the quarter ended June 1979 to 2,138 million units during the quarter ended September 1979.

During the quarter ended December 1979 villages and hamlets were electrified and 10,579 agricultural pumpsets were energised.

7-1. GENERATION OF ELECTRICITY.

Serial number.	Name of	the P	ower .	House.		Units Generated.	Used on Auxilliaries.	Net Units.
(1)		(2)				(3)	(4)	(5)
1	Pykara	* *		* *		12,28,06,600	2,75,506	12,25,31,094
2	Moyar					5,13,14,500	1,33,262	5,11,81,238
3	Mettur .					2,70,73,360	2,73,285	2,74,00,075
4	Mettur Tunnel				• •	15,17,01,000	3,18,050	15,13,82,950
5	Papanasam	٠.				3,34,97,300	1,51,740	33,34,5,560
6	Periyar					16,87,27,750	5,16,160	16,82,15,590
7	Kundha I					9,78,52,000	1,84,200	9 ,7 6,67,8 00
3	K t.ndha I					3,00,74,200	2,03,100	30,65,38,900
9	Kundba III	* *				19,07,13,000	7,27,500	18,99,85,500
10	Kundah IV					88,1,93,100	74,634	8,83,18,466
11	Kundah V	* *				3,03,84,000	80,820	3,03,03,180
12	Sarkarpathy					2,56,34,200	23,624	2,56,10,576
13	Aliyar		٠.			6,72,66,000	1,54,960	6,71,11,040
14	Kodayar I					7,38,00,000	1,70,740	7,36,29,260
15	Kodayar II					3,44,28,000	80,555	3,43,47,445
16	Suruliyar					5,68,14,000	1,72,380	5,66,41,620
17	Sholayar I					8,55,89,400	2,19,752	8,53,69,648
18	Sholavar II	••				65,47,000	40,550	65,06,450
19	M.E.S. (G) B.3	B•P. H				7,56,59,120	1,11,05,550	6,45,53,570
20	Ennore					35,78,35,000	5,58,55,100	30,19,79,900
21	T.T. P. S.	••				1,45,30,000	33,52,000	1,11,78,000
				Tota	1	2,06,19,07,330	7,41,13,468	1,98,77,93,802

7.2 POWER PURCHASED.

larini u mber. (1)	Source	t.							
		•						Import.	Expert.
4-7		(2)						(3)	(4)
1 N	Neyvoli Ligalto Corporation	••		• •	••	• •	••	260.402	• -
2 K	Carala State Bloctricit/ Boar i	• •	••	• •	••			84.878	• •
5 A	Andhra Pradosh Blectricit/ 30 ts i			٠.	•••			5.158	1.372
4 X	Carnataka Bioctricit/ Bose I	••	• •	••	••	••	••	10.836	4.463
5 N	dadras Reilnories			••				5.068	

7-3. Commensus Basevillery.

(1. M. U.)

											• •
Serial Comber.				Cook	pory.					During the Quarter ended June 1979,	During the Quarter ended Septe nher 1979
(1)				(2)						(3)	(4)
1	Domestic	٠.			• •					165-327	173:328
2	Commercial	• •		• •		• .				145-327	147.026
3	Industrial			٠.	• •					893-347	1,029.851
4	Public Lighting		٠.		.,			٠.		20-307	20.107
5	Agriculture		••	••	٠.	• •			• •	598-460	562:234
6	Water Works	1.6			••					16-328	21.358
7	Sales to Licensees	4 +			٠.				4.4	45-949	49.114
8 .	Sales to other Stat	es	• •							123-591	89-331
9	Miscellaneous	* *	• •			• •		• •		29-045	45.471
							fa	real .	••	2,038-681	2,137.820

7-4 Bunda BLECTRIFICATION.

Sarial na nher.	' serieniara .	As on 30th September 1979	During 1at October to 31at December 1979.	As on 31 of Decemb 1 1979.
(L)	(3)	(3)	(4)	(5)
1	Number of towns, villages, hamlets, electrified	63·404	••	63*404
2	Number of pumpsets energised	867-122	10.579	87 .701

VIII. HOUSING.

CONSTRUCTION ACTIVITY OF THE TAMIL NADU HOUSING BOARD

The total number of houses /Flats/apartments/tenements under construction by the Tami Madu Housing Board under different housing schemes during the quarter ended September 1979 was higher at 9,865 as against 7,335 during the previous quarter. During the reporting quarter 1,305 houses/Flats/apartments/tenements were completed. Since inception of the scheme i.e., from 21st April 1961 up to the quarter ended September 1979 an aggregate number of 34,895 houses/flats/apartments/tenements were completed.

8-1 Houses constructed by the Tamil Nadu Housing Board under different schemes.

Serial	Schei	me			houses/flats; hts/apartments.				
agmder.	Garar.	,,,,						Completed (Since 21st April 1961 to Q. E. 30th September 1979.	Under Construction 30th September 1979.
(1)			(2)					(3)	(4)
1	Low Income Group Housing				٠.	٠.	٠.	11,536	3,696
2	Middle Income Group Housing	• •	• •	• •			٠.	7,449	1,762
3	Tamil Nadu Government Rental I	Hous	ing					9,967	1,173
4	Subscribed Industrial Housing		· •	٠.				2,494	240
5	Slum Improvement/Clearance							15,082	1,363
6	Deposit Works		a +	••					
7	Special Low Cost housing Schome	EW:	s					7,860	1,626
દ	Ancillary								
9	.ºolice	•	• •		••	• •	• •	507	
					To	oșa i	••	54,895	>,865

CONSTRUCTION ACTIVITY OF THE TAMIL NADU SLUM CLEARANCE BOARD.

As at the end of September 1979 construction of 7,354 houses/flats/apartments/tenements were in progress under slum improvement/clearance scheme by Tamil Nadu Slum Clearance Board 336 houses/flat/apartments/tenements were completed during the current quarter.

Since inception i.e. September 1970 up to the quarter ended September 1979 houses/flats/apartments/tenements numbering 32,832 were completed.

8.2 HOUSES CONSTRUCTED IN TAMIL NADU BY THE TAMIL NADU SLUM CLEARANCE BOARD.

Serial Rumber.	Name of the Scheme	Number of houses flats tenements apartments.			
		Completed (Since inception September 1970 to September 1979.)	Under Construction (during quarter ended September 1979.)		
(1)	(2)	(3)	(4)		
1	Sium Improvements/Clearance	32,832	* 7,354		

^{*} Provisional.

BUILDING APPLICATIONS SANCTIONED BY THE CORPORATION OF MADRAS.

During the quarter ended September 1979 number of permits sanctioned for construction of buildings in Madras, City by the Corporation of Madras rose to 1,834 from 1,229 during the corresponding quarter in 1978.

3-3 Number of Permits sanctioned for construction of Buildings in fusion and private sectors in Madras City.

Serial	Month-							Yea	
amaber.								1978.	1979.
(1)	(2)							(3)	(4)
ı	July		••		••			399	624
2	August	••	••		••	• •		414	612
3	September		, •	••	••	••	••	416	598
						Tota	al	1,229	1,834

INDEX NUMBERS OF BUILDING COST IN MADRAS CITY

The Index number of Building Cost in Madras City for the quarter ended September 1979 rose by 13 points as compared to the quarter ended June 1979. This was due to all round increase in the prices of different building materials such as brick and tile products, sand, stone and quarry products cement and lime, Timber and countrywood, Iron and Steel materials, Ancillary materials, Electrical fittings, and sanitary wares, etc., and also due to the increase in the wages of labour and other charges.

8.4. Index numbers of Building Cost in Madras City

(Base: 1971-72=100)

Sarial number		Group.				Weightage	Group Index for the Quater ended		
number.	•					proportional to the total Cost.	June 1979. Sej	tember 1979.	
(1)		(2)				(3)	(4)	(5)	
1	Building Materials			• •		67-25	230-66	246-59	
2	Building Labour			• •		16-82	269.66	278-58	
3	Other charges			••	• •	15-93	229-10	237-08	
	Index Numbers of B	wilding cost	in Mad	ras City	••	100-00	236-97	250·46	

IX. TRANSPORT

NEW REGISTRATION OF MOTOR-VERCLES.

During the quarter ended September 1979 the total number of Newly Registered Motor Vehicles in Tamil Nadu was 7,147 as against 7,238 during the previous quarter.

The decrease is the new registrations during the quarter ended September 1979 was due to fall in the new registrations of private cars, taxis, other contract carriages and other types of vehicles.

9-1. REGISTRATION OF MOSOR VEHICLES.

	Categor	y of i	'eisteleu	Quarter ended June 1979.	Quarter ended Septe nber					
		(1)							(2)	1979. (3)
Mator Cycle, Sco	oter and	Mop	e ds	4 +			* *		4,963	5,128
Private Care									603	304
Jeeps and station	wagons		. ,					٠.	113	136
Taxis								٠,	71	8
Other soutract of	eriago (A	Lutorio	keha#	a)				٠,	91	41
3uses					* 4		٠,		318	475
Foods /ehicles	- ,				4			.,	483	582
Others .	,	•	* .		٠ ،	• •		٠,	596	473
3) 8×5		. ,		* *		* *	•	v	7,238	7,147

X. PRICES

WHOLESALE PRICES OF SELECT COMMODITIES.

When compared with the monthly average wholesale prices prevailed in September 1979, the monthly average wholesale prices of paddy I sort, wheat, Turmeric, Chillies, Pepper, Groundant (with shell), Groundant kernals, Groundant oil, Cotton lint, Tanned Goat Skins and Tanned Sheep Skins declined by 7.5, 16.1, 16.3, 14.4, 9.7, 9.2, 15.8, 15.1, 1.1,4.2 and 11.9 percent respectively in December 1979.

When compared with the monthly average wholesale prices, prevailed in September 1979 the monthly average wholesale prices of the following commodities increased in December, 1979:—

Paddy II sort (0-07), Rice I sort (2-9), Rice II sort (4-9), Cholam (16-7), Cumbu (11-7), Ragi (7-6), Redgramdhall (1-1), Cane-jaggery II Sort (34-2), Palm Jaggery (32-9), Sugar (48-3), Giagelly seed (5-3), caster seed (37-8), Gingelly off (4-9), Coconut off (5-6), Ghee-ungraded (0-9), eachewnuts with shell ((38-4), Arocanut Husked (4-4), Pobacco (6-7) Coir yarn (1-4), Cotton (4-2) and Tanned Cow Hides (20-3).



10-1. MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES.

Serial number and Commodity.							Unit.	January,	February.	I we't.
		(1)				(2)	(3)	(4)	(5)
1	Paddy I Sort	• •				٠.	Quintal	94.99	90-83	90-75
2	Paddy II Sort	• •	٠,			٠.	>>	103-06	92-97	92-23
3	Rice I Sort						1)	166-91	157-18	157:37
4	Rice II Sort		• •			• •	27	169-95	156-02	148.98
5	Wheat	••	••	••	• •	••	"	170-31	162-20	160-18
6	Cumbu	• •	• •			٠.	**	83.09	82-28	81.80
7	Cholan	• •	• •	••			26	87·1 7	88-29	91-21
8	Ragi		٠.			• •	27	83 ·69	85-05	85.08
٥	Redgra n Dháil		٠.				99	433-64	411-14	418-71
10	Turneric				• •	• •	99	807-75	738-00	521-20
11	Chillies						29	782-13	742-35	623-37
12	Pepper						73	1,900-00	1,836-25	1,839-00
13	Cane Jaggery II	Sort					>>	144.65	121.75	128.03
14	Palm Jaggery						>9	232-92	249.06	241.91
15	Sugar						98	211.79	211-46	225-00
16	Groundaut (with	shell)					* 5	229.83	222-96	236-43
17	Groundaut (with	hout sl	hell)				>>	322-17	307 ·86	3:6:11
18	Gingelly Seed			• •			10	370°93	376 .77	374-10
19	Castor Seed		• •	٠.	٠.		29	184-28	191- 21	190-13
20	Coconut (Un-hus	sked)	* *			٠,	1,000 nuts	1,075.00	1,066-67	925-00
21	Gingelly oil						10 Kg.	78-33	73-53	76.33
22	Groundnut oil			• •			>>	71.07	⊕8 :43	72.63
2 3	Coconut oil					٠,	93	118-94	110- 6 8	110-92
24	Ghee (Ungraded	.)		٠.			Quintal	2,250.00	2,234.38	2,136.25
25	Cashewnuts (wit	h shell)				53	608-33	620-83	62 3·13
26	Arccanut (huske	(4)					9.9	1,006-67	1,000-80	1,059-93
27	Cotton Lint					7 *	>>	1,449.46	1,427.86	1,312.02
28	Tobacco			٠.			9.7	766-65	7 71 ·13	616.05
29	Coir Yarn						**	243-33	272:01	303-44
30	Cotton Seed						,,	128.59	128-53	133-94
31	Tanned Cow H	ides		• •			K.G.	23.58	25.23	27-05
32	Tanned Goat S	kin	• •				**	110-37	118-43	126.72
3.	Tanned Sheep	Skins	• •				,,	138-27	151-43	163 5 ?

10-1 MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES—cont.

	Serial numbe	er and C	Commod	lity.		Unit.	April.	May.	June.
	·	(1)				(2)	(6)	(7)	(8)
1	Paddy I Sort	••			٠.	Quintal.	96-32	110-91	115·2 3
2	Paddy II Sort		• •			,,	99-53	107.70	111.87
3	Rice I Sort					,,	163-91	183-41	188-61
4	Rice II Sort		٠.		٠,	,,	156.07	167-60	174-24
5	Wheat		*		٠.	,,	164-81	158.75	159-75
6	Cumbu		• •			**	86.93	94-44	93.5€
7	Cholam					**	96.76	98-38	97.83
δ	Ragi		٠			**	87-96	89:04	90.04
9	Redgram Dhall			٠.	٠.	**	445.55	452.78	455.94
10	Turmeric					33	567.75	470.00	447-20
11	Chillies					99	606.18	562-48	598 ·7 \$
12	Pepper	٠.	٠,	• •		>>	1,831-25	1,837-50	1, 663 09
13	Cane Jaggery II Sort					29	134.81	144·3 1	n 1/65 514
14	Palm Jaggery				٠.	25	218.50	205-40	226.23
15	Sugar					79	254-21	256-00	nı2 56 06
16	Groundnut (with shell	11)				Quantity	214.89	200.63	bm 21497
17	Groundnut (without	shell)	• •		, ,	,,	300.46	302-98	eeressily
18	Gingelly Seed	• •			٠.	3.9	362-65	351-05	58.1344 0 1
19	Castor Seed				• • •	,,,	181 ·67	178.50) 186°18 2°8 7
20	Coconut (Unhusked)					1,000 nuts	850.00	800-00	· Tregelly oi
21	Gingelly oil					10 Kg.	76.86	75·9 3	, rentina 76-62
22	Groundnut oil		• •	• •	- •	9.9	69.92	69.24	lio nan 75-80
23	Coconut oil		- •			29	109.41	105-39	Jangr. U 115/84
24	Ghee (Ungraded) \dots					Quintal.	2,093-75	2,160.16	m) zlu 2;250:00
25	Cashewnuts (with she	all)				9.7	640-83	551 -56 .	irusi) tu69 3:7 6
26	Arecanut (husked)					22	1,157-39	1,167-56	Ee400, Lint
27	Cotton Lint	* *			• •	99	1,292.38	1,296.71	1,089-60
28	Tobacco		• •			3 9	<i>535</i> ·75	575. 99	n1.664的8)
29	Coir Yarn	••	••	• •	••	**	325.00	332.50	Describe Seed
30	Cotton Seed	••	••	••	••	,,	134-67	132- <u>15</u> bi	TESREI COW H
31	Tanned Cow Hides		• •	••	••	K.Ġ.	27 ·78	26.68ni	Trended Goat S
32	Tanned Goat Skins	• ·	• •	• •			129.07	125-071	2 neest21125ng1/T
33	Tanned Sheep Skins			• •		**	165 .7 3	165.73	165*73

10-1 MONTHLY AVERAGE WEGLESALE PRICES OF SELECT COMMODITIES—cont.

	Serial n	umber i	and Co	nmodii	y.		Wait.	July	August. S	eptember.
								(0)	(16)	(11)
1	Paddy I Sort	••	••		••	••	Quintal.	120-14	125-83	126-67
2	Paddy II Sort				••	••	**	119-25	124-14	121-57
3	Rice I Sort		••			••	**	194-37	202.74	209-82
4	tice II Sort				••	••	**	184-96	190-20	192-29
5	Wheat	• •	• •		••	••	**	171-13	191-80	18 7·69
6	Cumbu	• •		• •	• •	• •	"	92-46	94-27	94-61
7	Cholan	• •	••		••	- •	**	98-38	101-57	101.02
8	Ragi		• •	••	••	• •	*,	96-37	101-41	101-64
9	Redgram Dhall	• •			4 =	• •	99	457-99	473-45	478.04
10	Turmeric	• •		• •	• •	• •	22	443.00	452.00	426-25
11	Chillies	• •		• •			39	657-66	733-10	729-57
12	Pepper				• •	- 4	39	1875-00	1,925:00	1,925.00
13	Cano Jaggery II	Sort	• •	• •	• •	• •	>>	186-96	202-21	205.86
14	Palm Jaggery			• •			**	239-53	255.06	265-08
15	Sugar						1)	264-86	282-23	290· 96
16	Groundnut (wit	h shell	i)			• •		278.73	316·0 7	308-47
17	Groundnut (wit	hout s	holl)		٠.		,,	409-95	448-42	464·9 0
18	Gingelly Seed		• •	* *			1,000 nuts	387-68	430 -53	483.74
19	Castor Seed		• •			٠.	9.9	226.67	238-00	233-33
20	Coconut (Un-li	is'.∌ d)					,,	N.T	N.T.	N.T.
21	Gingelly oil		• •			• •	10 Kg.	87-85	97-54	107-42
22	Groundnut oil						,,	90-30	102.08	166-92
23	Coconutoil			• •			,,	126-37	131- 26	138-04
24	Ghee (Ungrade	d)					Quintal.	2,301-56	2,350.00	2,294.44
25	Cashewnuts (wi	th she	li)				**	610-88	631-63	632.03
26	Arecanut (husk	ed)				* 1	23	1,042-19	1,016-35	1,075.45
27	Cotton Lint			• •			,,,	1,273-11	1.282-45	1,283.96
28	Tobacco	••	• •	• •	• •		**	561-85	544-53	554-29
29	Coir Yarn		••	••	• •	••	••	350-19	362-81	367-60
30	Cotton Seed		••		••	••	1)	149-14	157-49	157.69
31	Tanned Cow H	Iides		••	••	••	K.G.	22:02	21:20	21.20
32	Tanned Goat	Skins	••		••	••	**	121-92	121-73	121.73
33	Tanned Skeep	Skins			••		••	168-53	162-80	162.75

10-1 MONTHLY AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES -- cont.

Serial numbër and Commodity.							Unit.	October.	November.	December.	
								(12)	(13)	(14)	
1	Paddy I Sort	••		••	• •		Quintal.	122.30	123-97	11 7-15	
2	Paddy II Sort			••	••		,,	111-34	114-84	121-65	
3	Rice I Sort	• •		••	• •	• •	,,	214.06	228 ·15	215.88	
4	Rice II Sort	• •	• •	••			,,	186.78	199-81	201-66	
5	Wheat		• •				,,	174·44	175.00	157.50	
6	Cumbu	• •		• •			,,	95.52	100-51	110.66	
7	Cholam	••	••	• •		••	,,	99.94	106.00	117.91	
8	Ragi		••	• •			,,	101-54	102.75	109:38	
9	Redgram Dhall	• •	• •				9.7	480-25	478-83	483-25	
10	Turmeric				• •	• •	9.9	413.75	380-80	35 7·00	
11	Chillies				• •		,,	694.79	652.32	620-49	
12	Pepper		• •	• •	• •		,,	1,925.00	1,860.00	1,737.50	
13	Cane Jaggery II	Sort	• •				,,	229.79	245.01	276-23	
14	Palm Jaggery						,,	277-70	287.63	352-33	
15	Sugar		• •	• •			,,	276:36	287-35	431.40	
15	്രാമൻnut (wit	h shel	l)	4.4	• •		Quintal	298-80	279 08	280.08	
17	Groundnut (wit	thout s	shell)		• •	• •	*1	425.71	399-05	391.67	
18	Gingelly Seed		*	• •	- •		29	493·10	476-70	509·2 5	
19	Castor Seed	• •		• •		٠.	33	236-40	254-53	321-50	
20	Coconut (Unh	us ke d)			• •		1,000 nuts	N.T.	N.T.	N.T.	
2	Gingelly oil	• •	• •	• •	• •		10 Kg.	111-32	109-12	112-72	
2	2 Groundnut oil		٠.	• •			9.9	98.41	95-35	90-81	
2.	3 Coconut oil	• •	• •	• •	• •		**	137-28	146-62	145-78	
2	4 Ghee (Un-grad	led)	٠,	• •	• •	• •	Quintal.	2,362-50	2,324-30	2,315-63	
2	5 Cashewnuts (w	rith sho	oll)	• •			93	650-78	747-92	875.00	
2	6 Arecanut (hus	ked)	• •	• •	• •	• •	99	1,039.50	1,046-94	1,122-75	
2	7 Cotton Lint	• •	• •	• •	• •	• •	9>	1,304.77	1,287.04	1,270-20	
2	8 Tobacco	• •	••	••	••	• •	**	575- 99	580 ·31	591-41	
2	9 Coir Yarn		••	• •	••	• •	39	367-55	368-08	372·59	
3	O Cotton Sood	••	••	••	• -	٠.	**	156-60	161-89	164-35	
3	1 Tanned Cow		••	••	• •	••	N.G.	21-20			
	72 Tanned Goat		••	••	••	• •	"	121-55			
;	33 Tunned Sheep	Skins	٠.,	• •	• •		••	162-80	102-30	143-33	

10-2 ANNUAL AVERAGE WHOLESALE PRICES OF SELECT COMMODITIES

	Serial number and Commodity		Unit.	1975-76.	1976-77.	1977-78.	1978-79
	(1)		(2)	(3)	(4)	(5)	(6)
1	Paddy I Sort		Quintal.	146.83	110.95	110.00	102-17
2	Paddy II Sort		3*	137.78	103-34	103-63	100-90
3	Rice I Sort		**	249.88	182-93	185-94	170-52
4	Rice II Sort		,,	225.94	169-45	171-64	160.05
5	Wheat		. 25	216-94	188-93	179-59	166.25
6	Cholam	• •	,,	152-82	127-16	122.04	92.58
7	Cumbu		**	152.81	119.00	118-01	88.28
8	Ragi	••	**	136-32	107-32	111-13	87-13
9	Redgram Dhali		,,	254.87	242.88	400.02	463.40
10	Turmeric		**	336.78	428.89	760-30	807-66
11	Chillies		75	1,230.80	636-99	731-34	746-37
12	Pepper		79	1.328-94	1.763.75	1,917-36	1,971-92
13	Cane Jaggery		19	226.42	211-39	166-13	130.87
14	Palm Jaggery		11	272-59	267.79	223.47	373-11
15	Sugar		Py	436.97	455.06	379-88	262-91
16	Groundaut (with shell)		99	185-51	216-86	273-29	217-41
17	Groundnut (without shell)	9 9	291.58	317-06	373 · 30	303.06
18	Gingelly sceds		>>	346.70	397-68	408.89	352.78
19	Castor Seeds		Quintal	153-17	231-39	252-17	196-83
20	Coconut (unhasked)		1000 nuts	913-46	1,091.73	1,087-17	1,050-0 0
21	Gingelly oil	• •	10 kg	77.46	84.60	88.58	74.96
22	Groundnut oil		Do.	65-14	71-32	81.83	67-32
23	Coconut oil		Do.	84.88	109-92	112-68	124-27
24	Ghee (Ungraded)		Quintal	1,769-43	1,840-44	1,783-61	2,279-92
25	Cashewnuts		Do.	312-47	425-99	763-31	604-43
26	Arecanuts (Husked)	4 0	Do.	812-60	975-10	1,046.49	1,067.71
27	Cotton seeds		Do.	136-47	148-32	158·9 9	126.48
28	Cotton lint		Do.	894-11	1,217-23	1,330.05	1,38918
29	Tobacco	••	Do.	951-19	927-83	837-60	745-64
30	Coir yarn		Do.	208-44	215-38	236-07	252-21
31	Tanned Cow Hides	••	Kg.	14-60	18-54	16-91	20-40
32	Tanned Goat skins	••	Do.	72-08	80-83	74-16	100-96
33	Tanned Sheep skins		Do.	86·1 6	103-63	96· 43	128.95

AVERAGE RETAIL PRICES OF SELECT COMMODITIES.

When compared with the average retail prices, prevailed during the last month of the previous quarter (i.e.) September 1979, the average retail prices for the month of December 1979 recorded a downward trend for the following commodities:—

Chillies (10.2 per cent) and turmeric (8.6 per cent).

The average retail prices showed an upward trend during the month of December 1979 as compared to the average prices for the month of September 1979 in respect of the following commodities:—

Rice I sort (4·4 per cent), Rice II sort (6·4 per cent), Cholam (14·4 per cent), Cumbu (15·8) per cent), Ragi (6·0 per cent), Redgram Dhall (4·2 per cent), Cane Jaggery (40·4 per cent), Palm jaggery (32·2 per cent), Sugar (43·2 per cent), salt (4·4 per cent), Coriander (3·5 per cent), Coconut husked (18·2 per cent), Coir yarn (0·7 per cent), Coconut oil (6·3 per cent), Gingelly oil (6·8 per cent), Cotton seed (7·7 per cent), arccanut husked (8·5 per cent) and Tobacco (7·4 per cent).

The average retail prices of wheat, pepper and Ghee agmark remained unchanged during the quarter under review.

10.3. MONTRLY AVERAGE RETAIL PRICES OF SMART COMMODITIES.

	Commodity					Unit	January	February	March
	(1)					(2)	19 7 9. (3)	1979. (4)	1979. (5)
1	Rice I sort	••	••	••	••	Quintal	149.00	176.00	174-00
2	Rice II sort	••	• •	••	••	De.	184· 0 0	169-00	160.00
3	Wheat	• •	••	••	••	Do.	191-00	186· 0 0	189-00
4	Cholam	•••	••	• •	••	Do.	98-00	100-00	101-00
5	Cumbu	••	• •	• •		Do.	94.00	94.00	94.00
6	Ragi	• • •	••	••	••	Do.	99.00	99-00	98.00
7	Redgram dhall	• •	••	• •	••	Kg.	4-83	4.58	4.55
8	Chillies	••		••	••	Quintal	996.00	873-00	740-00
9	Pepper	• •	• •	• •	• •	Do.	2,150.00	2,150.00	2,130.00
10	Turmeric		٠.		• •	Do.	931.00	931•00	743.00
11	Cane Jaggery	* *	• •			Do.	175.00	161-00	163-00
12	Palm Jaggery	• •	• •	٠.		Do.	253-00	293.00	286.00
13	Sugar	**	• •		• •	Kg.	2.20	2-19	2-37
14	Salt	**	• •			Do.	0.21	0.21	0.21
15	Coriander	• • •	• •	• •		Quintal	310.00	289-00	288.00
16	Coconut (Husked)	• •	• •		• •	100 nuts	115.00	113-00	110-00
17	Ghec (Agmark)		• •		• •	Kg.	23.00	22-50	22-80
18	Coir Yarn	* *		• •	• •	Quintal	260.00	260-00	260.03
19	Coconut oil		• •	• •	• •	Kg.	12-87	12-08	12-13
20	Gingelly oil	• •	• •	* *	• •	Do.	8-13	7-95	8.05
21	Cotton seed	••	• •	• •	• •	Quintal	142-00	144-00	148-00
22	Arecanut (Husked)		• •	• •		Do.	1,700.00	1,875-00	2.45 0 es23
23	Tobacce					Do.	977-00	925 •00	733-00

10·3-cont.

	Commodity.							unis-	Apri	il. 79	May.	June.
	(1)							(2)	19	(6)	1979 (7)	1979 (8)
1	Rice I sort	• •	••	••	••	•••	••	Quintal	••	180-90	198-00	203.09
2	Rice II sort	••	••	••	••	••	••	Do.	• •	1 6 6 ·00	178-00	186-00
3	Wheat	• •	• •	••	••	••	• •	Do.		186-00	184-00	180-00
4	Cholam	• •	••	••	••	***	••	Do.		103-00	108.00	108· 00
5	Cumbu	••	••	••	• •	••	••	Do.		98.00	103.00	102-00
6	Ragi	• •	••	••	••	••	••	Do.		101-00	103-00	105.00
7	Redgram dhall	••	• •	••	••	••	••	Kg	••	4.74	4-77	4.83
8	Chillies	••	• •	••	••	909	••	Quintal	••	713.00	765-00	688· 00
9	Pepper	• •	• •	••	••	• •		Do.		2,150.00	2,150.00	2,213.00
10	Turmeric		* *	• •	- +	• •		Do.		719.00	592 ·00	560 ·0 0
11	Cane Jaggory	4 8	• •	• •	• •	• •	••	Do.		160.00	±71-00	193-00
12	Pal n Jaggery	• •	• •	• •	••	••	• •	Do.		2 52 .00	2 58-00	212.))
13	3 Sugar	• •	• •	• •	••	0.0		Kg		2 ⋅62	2 -64	2.65
14	i šalt	• •	* *		••	•••	••	Do.		0.21	0.21	0.51
15	Corlander	* *		•	2.	• •		Quintal	* *	319-00	3 2 6- 00	125.00
10	5 Coconut (Aus	skei)	• •	•		• •		100 nuts		103.00	96 ·00	25.))
17	7 Ghee (Agman	k)			• •	••		Kg	• •	22-00	22.75	24.00
18	8 Die Yarn			• •	n 4r	- •		Quintal	• •	260.00	260.00	203-00
1	9 Coconut oil			• •				Ig		11-93	11.95	12.35
26	0 Gingelly oil				• •	• •	• •	Do.		3· 2 6	8.04	3.10
3	1 Cotton seed	:			• •			Quintal		151.00	148.00	(52-3)
2	2 Arecanut (Ho	usked)			• •	* *		Do.		2,450.00	2,375-00	2,350-00
2	3 (5)1225							. 50	o.	658-00	659.00	66 3.0 0

10·3—cont.								
				u	nit•	<i>fuly.</i> 1979,	August. 1979.	September. 1979.
	(1)				(2)	(9)	(10)	(11)
l Rice I sort	••		·	 	Quintal	211.00	218.00	225 00
2 Rice II sort				 	Do.	196.00	200.00	204.00
3 Wheat	٠.		••	 	Do.	108.00	201.00	208.00
4 Cholam				 ••	Do.	108.00	111.00	111.00
5 Cumbu				 	Do	102.00	102.00	101-00
6 Ragi				 	Do.	110.00	115.00	117-00
7 Redgram dhall '		•		 	Kg	4.85	4.96	4.96
8 Chillies				 	Quintal ,,	725.00	818-00	792.00
9 Pepper				 	Do	2,200.00	2,200.00	2,200.00
10 Turmeric				 	Do.	569-60	583· 0 0	534.00
11 Cane Jaggery				 	Do.	217.00	238-03	240.00
12 Palm Jaggery		• •		 	Do.	252.00	274.00	289.00
13 Sugar				 	Kg	. 2.75	2.94	3.03
14 Salt				 • •	Do.	, 0.22	0.22	0.23
15 Coriander				 	Quintal .;	324-00	230-00	313.00
16 Coconut (Husked)				 	100 nuts	102-00	112.00	121.00
17 Ghee (Agmark) .				 	Kg	24-25	25.00	25.00
18 Coir Yarn				 	Quintal	308.00	308.00	308-00
15 Coconutoil				 	Kg	13-37	13-83	14.74
20 Gingelly oil		* *		 	Do.	9.06	10.08	11.06
1 Coouttseed				 	Quintal	161.00	169· 00	169-00
22 Arecanut (Husked)				 	Do.	2,350.00	2,350-00	2,350.00
23 Tobacco					Do.	663.00	675.00	680·0 0

10.3. MONTHLY AVERAGE RETAIL PRICES OF SELECT COMMODITIES—cont-

Serial numbr and Co	mmod	ity.		 	Unit.	October 19 79. (12)	November 1979. (13)	December 1979. (14)
1 Rice I sort				 (Quintal	229.00	246.00	235.00
2 Rice II sort				 	Do.	200.00	216.00	217:00
Wheat					Do.	209:00	206.00	208.00
4 Cholam		• •		 	Do.	111.00	116.00	127 00
5 Cumbu		••		 ٠.	Do.	105.00	109.00	117.00
6 Ragi				 	Do.	117:00	117.00	124.00
7 Redgram dhali				 	Kg	4.99	4.97	5.17
8 Chillies		• •		 	Quintal	774.00	732.00	711.00
9 Pepper			5	 • •	Do.	2,300.00	2,267.00	2,200.00
10 Turmeric			• •	 	Do.	553.00	505°0 0	488.00
11 Cane Jaggery				 ٠.	Do.	259.00	283.00	337.00
12 Palm Jaggery				 ٠.,	Do.	302.00	313.00	382.00
13 Sugar				 	Кд	2.90	2.96	4:34
14 Salt				 	Do.	0.23	0.24	0.24
15 Coriander				 ٠,	Quintal	316.00	314.00	324 00
i 6 Coconut (Husked)				 	100 nuts	136.00	135.00	143.00
17 Ghee (Agmark)				 	Kg	25:00	25.00	25.00
18 Coir Yarn				 	Quintal	309.00	310.00	310.00
19 Coconut oil		*.*		 	Kg	14.49	15·3I	15.67
20 Gingelly oil				 	Do.	11.82	11.42	11.81
21 Cotton seed			٠.	 	Quintal	170.00	172.00	182.00
22 Arecanut (Husked)				 	Do.	2,350.00	2,530:00	2,550.00
23 Tobacco				 	Do.	734.00	738.00	741.00

10.4. Annual average retail prices of Select commodities.

Serial number and Commodity.						Unit.		197273	1973—74.	197475.
		(1)				(2)		(3)	(4)	(5)
1	Rice, I sort		• •	••	••	Quintal		145.85	155.44	293.60
2	Rice, II sort		••	• •	••	Do.		115.22	122.88	267.68
3	Wheat		••	••		Do.		187.00	309.75	315.45
4ì	Cholam		••	••		Do.		87.98	95*73	203.40
5	Cumbu		••	••		Do.		82:36	94.23	191-30
6	Ragi		••	••	••	Do.		81.12	95.79	109.11
7	Redgram dhall	• • •	• •	••	••	Kg.	••	2:44	2.59	3:44
8	Chillies		••	••	••	Quintal	••	364-61	485.09	737•66
9	Pepper	• • •	••	••		Do.		759-09	807.00	1,217:59
10	Turmeric					Do.		5 53°18	508-04	478.88
11	Cane Jaggery		••	• •		Do.		165.17	168.13	176.46
12	Sugar		• •			Kg		3.28	3.70	4.28
13	Salt		• •	• •		Kg	••	0.12	0.12	0.15
14	Coriander		• •		••	Quintal		274-46	300-22	37 9 ·7 7
15	Coconut (Unhusked)				1000 nuts		580.00	1,175.00	1,300.00
16	Ghee (Agmark)				4 0	Kg		14.50	18.10	19.95
17	Palm Jaggery	, .		* *		Quintal		255.73	207.81	236.88
18	Coir Yarn	• •	* *	* *	• •	Do.		145.20	155.94	221.79
19	Coconut oil	9 4				Kg		7.50	11.70	12.95
20	Gingelly oil					Do.		6.44	8-39	9.15
21	Cotton seed	* -		• •		Quinta!		9 7·92	145.55	155.56
22	Arecanut (Unhusked)			• •	* *	1000 muts	- +	N.T.	130.00	N.T.
23	Tobacco		• •	• •		Quintal		619.88	530-50	597·16

bn Husked alies per quintal.

10.4 ANNUAL AVERAGE RETAIL OF SELECTION COMMODITIES—conf.											
Serial Number	and	Comm	odity.		U	nit		1975—76.	197677	1977—78.	1978—79•
			_					(6)	(7)	(8)	(9)
1 Rice I sort .	. 3		••	• •	••	Quintal		279.55	187.00	159.00	185.00
2 Rice II sort .	•	•		•	•	Do		243.51	180.00	182.00	171.00
3 Wheat		••	••		••	Do.		269.48	204.00	200.00	189.00
4 Cholam			••			Do.		170.28	136.00	131.00	104.00
5 Cumbu			••	••		Do.		159.45	127.00	125.00	101.00
6 Ragi				••	••	Do.		155.81	119.00	123.00	102:00
7 Redgram dhall				••		Kg.		2.82	2.72	4.34	5.06
8 Chillies			••	••		Quintal	:	1,303.77	727.00	845.00	846.00
9 Pepper	••			•		Do.		1,382.61	2,010.00	2,28 5 ¹ 00	2,216.00
10 Turmeric.				• •		Do.		427.95	494.00	849.00	945.00
11 Cane Jaggery			• •	• •		Do.		245.51	237:00	193.00	164.00
12 Sugar		<i>i</i> .	• •			Кд		4.58	4-66	3.93	2.33
13 Salt	• •					Do.		0.16	0.16	0-19	0-22
14 Coriander	٠					. Quintal	, .	449-35	710.00	671-00	379:00
15 Coconut (unhus	skeď)		* * *	4.9		1000 nuts		814-90*	1,030-00*	1,030-00	1150-00*
16 Ghee (Agmark)	• •		:		Kg		20.78	22-71	22-10	24-16
17 Palm Jaggery		• •				Quintal		319-15	318-00	291-00	246-00
18 Coir Yarn			• •			Do.		244-57	232-00	273.00	239-00
19 Coconut oil	•			, .		Ke		9.47	12-14	12-38	:13:24
20 Gingelly bil			ъ е :			- D83		0.22	8-93	9-40	7-93
21 Cotton seed						Quintal		141-93	155-00	171-00	143-00
22 Arecanut (Y,nn)	ısked	l)			100	0 nuts*		712-50*	712·00* @	1,525-00*@	1845·00*@
23 Tobbacco					. Q	uintal		1,117-70	1,163.00	652-00	908-00
Note; *—Husked.											

*@-Husked per quintal.

INDEX NUMBERS OF WHOLESALE PRICES. (Base 1970—71=100)

In the context of changes that have taken place in Agricultural and Industrial Sectors on account of Successive five year plans and other economic policies outlined by Government the revision of an outdated base year of the various Index numbers to a recent base year has been undertaken by this Department. The Index number of wholesale prices in Tamil Nadu and rural price Index number in Tamil Nadu have been revised to the base year 1970—71. The scope and coverage of these indices have also been widened. The methodology adopted has been detailed in the following paragraphs:—

(1) Wholesale price Index number in Tamil Nadu :-

The old series of wholesale price index number in Tamil Nadu were compiled on a weekly basis with prices as on 21st August 1939 as base year. Now these indices have been replaced by a revised series of Index numbers of wholesale prices in Tamil Nadu, with 1970—71 as base year, following the All India pattern of wholesale price Index numbers. These index numbers are compiled on a weekly basis.

The index basket of the revised series (1970-71=100) contains 177 commodities as against 30 commodities in the present series, the number of quotations being 509. The commodities have been grouped similar to the All India Series, as (i) Primary articles (ii) Fuel, Power, and light and (iii) Manufactured products.

The new series is calculated on the principle of weighted arithmetic mean as adopted in computation of All India series. The Price relatives are calculated as percentage ratios which current price quotations bear to those prevailing in the base period. The commodity index is arrived at as the simple arithmetic average of price relatives of varieties or quotations in different markets. The sub-group, group and the index for the major group is derived as the weighted arithmetic mean of commodity indices. Likewise, the all commodities index is computed as the weighted arithmetic mean of major group indices.

Till now only 30 commodities have been included in working out the wholesale price index numbers with base year 1939 for Tamil Nadu. Since the Coverage of Commodities has been enlarged, the linking factor for 'all Commodities' (General) alone has been worked out by using simple arithmetic conversion method. The Linking factor for the revised series over the old one is 11-92.

10.5. INDEX NUMBERS OF WHOLESALE RRICES.

(Base Year 1970-71=100)

Ser	ial Number	a nd G	roup.	Primry Food	Articles Inde. no: Pood	x. prinary. Articles .	Fuel power Manufactured All culd light products commodities			
Ma	nths 19 7 9	(1)		(2)	(3)	(4)	(5)	(6)	(7)	
1	January			 206.87	180.76	196.79	198•24	180.57	189.69	
2	February			 193.89	185.09	190-45	198-24	182-94	387-40	
3	March			 192•74	185.30	189-83	203.71	183-04	187-29	
4	April			 193-22	184-49	189•73	204-85	185-53	188-37	
5	May			 199•73	185-51	194-15	204.85	188-12	191•84	
6	Jume		• •	 207.04	187-07	199-21	205-23	191-04	195,81	
7	July			 213-42	191-51	204-77	211.79	194-10	200-30	
á	August			 215.74	197•90	# 8 ·57	217-83	197-72	204.09	
Ą	September			 218•49	199-01	210-67	217.83	199-70	206.07	
10	October			 217-82	206-85	213.17	245-87	199-91	208-40	
1 i	November			 2 27· 39	207-31	19-20	245-87	207-12	214•75	
12	December			 233-98	212-23	225.07	245-87	207-70	218-10	

CONSUMER PRICE INDEX NUMBERS FOR DIFFERENT CENTRES IN TAMIL NADU.

(BASE: 1960=100)

The Consumer Price Index Number for December 1979 as compared to September 1979 advanced in all the centres viz., Madras City, Cuddalore, Tiruchirapalli, Madurai, Coimbatore, Nagercoil and Coonoor Centres.

As compared with the index for September 1979, the index for December 1979 advanced by 18 points each in Madras City and Cuddalore, by 22 points in Tiruchirapalli, by 29 points in Madurai, by 31 points in Coimbatore, by 46 points in Nagercoil and 21 points in Coonoor.

10.6 CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

				(Base	1960≔	100.)					
	Period.			Madras city.		Cuddalore.	Tiruchi- rapalli.	Madurai.	Coimba- tore.	Nager-	Coonoor.
	(1)			(2)	(3)	(4)	(5)	(6)	(7)	(8)
1974					281	296	329	306	282	339	307
1975			• •		325	325	372	352	331	390	314
1976					283	289	313	296	300	330	295
1977					306	320	335	328	317	344	312
1978					316	329	358	335	323	363	321
1979											
January					328	337	382	350	331	376	336
February					324	325	371	336	330	360	331
March				• •	325	316	360	340	329	363	330
April					327	326	361	346	332	370	334
May				• •	327	336	361	349	343	374	336
June					334	340	361	350	347	396	340
July					346	359	374	3 5 6	353	408	350
August					349	3 7 1	379	364	358	426	354
September					352	374	379	368	363	418	360
October					351	370	383	378	369	415	360
November				••	362	381	392	375	383	435	367
December		••		••	370	3 92	401	3 97	394	464	381

19.7. ALL-INDIA AVERAGE CONSUMER PRICE INDEX NUMBERS FOR INDUSTRIAL WORKERS.

			(Base :	1960) 100 .)			
			Period.					Index.
1974		• •	• •	••			••	304
1975	••	••	• •	• •	• •	••	••	321
1976	• •			••	••	••	• •	296
1977	••		••	••	••	••	• •	321
1978	.,		••	• •	••	••	••	329
1979								
January	••		••	••	••	••	• •	332
February	• •						* *	329
March	• •		• •	٠.	• •	••	• •	332
Apr:l		• •		* *	• •			337
May	, ,		• •	٠.		• •	• •	339
June			••				• •	3 45
July				٠.	• •		• •	353
August	* 1						• •	360
September							* *	363
October			• •					365
November							* *	368
December					* *	* 4	* *	374

CONSUMER PRICE INDEX FOR URBAN NON-MANUAL EMPLOYEES.

(B se: 1960=100.)

When compared with the index for June 1979, the Consumer Price Index Number for Urban Non-Manual employees in September 1979 advanced by 15 points from 334 to 349 or by 4.5 percent in Madras City, by 13 points from 316 to 329 or by 4.1 percent in Madurai, by 14 points from 322 to 336 or by 4.3 percent in Tiruchirappalli.

As compared with September 1979, the index during December 1979 appreciated by 16 points from 349 to 365 or by 4.6 percent, Madras City by 22 points from 329 to 351 or by 6.7 percent in Madurai, by 19 points from 336 to 355 or by 5.7 percent in Tiruchirappalli.

10.8. CONSUMER PRICE INDEX NUMBER FOR URBAN NON-MANUAL EMPLOYEES.

					(Base: 1960—100.)		
		Period.			Madrąs,	Madural.	Tiruchirappalit.
		(1)			(2)	(3)	(4)
1974	• •			• •	275	264	273
1975	- 4	• •		• •	310	306	313
1976					292	285	282
1977					307	291	306
1978	• •	• •	• •	• •	319	299	314
1979							
Janu	ary	• •	• •	• •	328	310	329
Febr	uary				325	301	318
Mar	ch	* *			327	301	314
Аргі	i}				329	308	319
May					332	312	320
June					334	316	322
July					343	322	331
Aug	ust			••	345	324	332
Sept	ember	••		••	349	329	336
Octo	ber	••		••	353	334	342
Nov	ember	••	••	••	3 5 7	34 5	349
Dec	ember	••	••	••	365	351	355

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10.9. INDEX NUMBERS OF RURAL PRICES.

(Base: Year 1970-71-100.)

	Serial ni	un sbat	qud M	ouths.		Food.	Fuels and Lighting.	Clothings.	Miscellaneous.	Composit Index. (6)				
		(1)			(2)	(3)	(4)	(5)					
197	19—													
1	July		••			191.73	239-99	187-11	186-17	194-22				
2	August	••				194•43	225-57	185-21	187-18	195•40				
3	Septemb	er	• •	. •		195-31	231.85	187-40	189-32	196.81				
4	October	•				195.50	239-53	192-04	188-71	197-67				
5	Novemb	er				203.59	248 ·79	195-19	196-34	205·5 3				
6	Decemb	er				210-61	261.57	200-19	198-83	212-46				

10.10 INDER NUMBER OF PARITY,

(Base year 1954-55=100)

		P	eriod.				Index number of prices received by the farmer.	Index number of prices paid by the farmer.	Index • j	
			(1))			(2)	(3)	(4)	
975							501	553	91	
1976							378	507	75	
1977	h 19						411	539	76	
1978							363	547	66	
1979							392	60	65	
1979										
,	July						430	600	72	
	August						419	616	68	
:	September						432	63 8	6 8	
•	⊌ctober			• •	• •	••	406	645	63	
I	Nove aber	• •				••	128	561	64	
1	Decembar						402	55 (61	

XI. TRADE.

The total quantum of foreign trade through the ports in Tamil Nadu during the year 1978-79 was of the order of Rs. 1,555 crores, of which exports accounted for Rs. 652 crores and imports Rs. 903 crores. As compared with the year 1977-78, the exports and imports show an increase of 21 per cent and 85 percent respectively.

11-1 IMPORTS AND EXPORTS.

						Exports.	Imports.	
		(1)					(2)	(3)
							(RUPEES IN L	AKHS.)
Madras	• •						38,375	70,481
Cuddalore			• •		• •	• •		311
lagappttinam	• •						774	304
Tuticorm (Old p	ort)	, .					1,478	1,279
Tuticorin (New	port)	, .			••		4,100	6,7 18
St. Thomas Mo	unt (A	ir por	t)		••		20,518	11,188
Tiruchirap palli	(Air p	ort)		١			2	
					Total		65,247	90,281
	Cuddalore lagappttinam Tuticorin (Old p Tuticorin (New St. Thomas Mo	Cuddalore lagappttinam Tuticorin (Old port) Tuticorin (New port) St. Thomas Mount (A	Madras	Madras	Madras	Madras	Madras Cuddalore Jagappttinam Tuticorin (Old port) Tuticorin (New port) St. Thomas Mount (Air port) Tiruchirappalli (Air port)	Madras

XII. LABOUR AND EMPLOYMENT.

During the quarter ended December 1979 the number who had registered their names with the Employment Exchanges were 91,975 as against 1,27,482 during the previous quarter. This showed a decrease of 27.8 per cent. The number of persons placed in employment through the exchanges during the quarter under review was 14,514 while during the previous quarter to 13,145 were placed in employment. Thus there was an increase of 10.4 percent in placements.

The number of persons on the live Register at the end of the quarter ended September 1979 and December 1979, were 9,65,623 and 9,64,688 respectively.

12.1 REGISTRATIONS AND PLACEMENTS THROUGH THE EMPLOYMENT EXCHANGES BY DISTRICTS.

		D1 / I-					Number of persons on the live Register,				
		Distric	7.			•	September 1979.	December 1979.	percentage		
		(1))				(2)	(3)	Variation. (4)		
Madras							1,90,124	1,81,371	- 4.6		
Chengalpattu							92,221	94,524	+ 2.5		
South Arcot					١	, ,	51,771	50,560	- 2. 3		
North Arcot							64,227	64,689	0.7		
Salem		* *					62,573	62,598			
Periyar						. ,					
Dharmapuri	• •						28,407	33,323	+ 17.3		
Coimbatore							74,868	74,169	- 0.9		
Tiruchirapalli	٠.						88,045	85,971	- 2.4		
Thanjavur		, .					62,356	64,165	÷ 2.9		
Pudukkottai	• •						18,187	18,338	+ 0.8		
Madurai							68,900	69,633	+ 1.1		
Ramanathapura	m						34,062	34,595	+ 1.6		
Tirunelveli	• •	••	••	••	.,		59,136	59,429	+ 0.5		
Kanniyakumari	••	••	••				42,761	42,810	+ 09		
The Nilgir's	••	••	••	••	• •		27,985	2°.513	+ 1.9		
				81	ATE		9,65,623	9,64,688	3 0,1		

Table 12.1—cont

Registration and Placements through the employment exchanges by district.

Registration durin the quarter ended.

	D/-	4-1-4				Registration units in quarter cinear.				
	DIS	irict.				Quarter ended September 1979.	Quarter ended December 1979.	percentage variation.		
		(1))			(5)	(6)	(7)		
Madras						 23,754	17,610	— 25.9		
Chengalpettu						 13,234	10,040	- 24.1		
South Arcot		٠.				 8,739	5,420	30.0		
North Arcot	٠.					7,533	5,824	22.7		
Salem						 7,549	5,883	— 22,1		
Periyar						 • •	• •			
Dharmapuri						3,472	3,687	+ 6.2		
Coimbatore						 9,038	5,552	— 38. 6		
Thiru¢hirppalli						 10,246	6,360	— 37.9		
Tanjhavur		• •	• •	• •		 8,940	7,464	16.5		
Pudukkottai		• •				 2,100	1,553	— 26 ·0		
Madurai						 11,488	7,508	— 34.6		
Ramanathapuran	1					 6,422	4,493	— 30.0		
Tirunelveli		• •	* *			 8,296	5,784	- 30.3		
Kacniyakumari The Nilgris						 3,915 2,756	2,851	27·2		
TWA TATIRE		• •	• •		TATE	 1,27,482	1,946 9 1,975	— 29.4 — 27.8		

		TD 4					Placements durin the	quarter ended	
		Dis	rict.				Quarter ended September 7979.	Quarter ended December 1979.	variation.
							(8)	(9)	(10)
Madras	* *			٠.			1,741	3,459	+ 98.7
Chengalpattu	* *			• •			724	493	— 31.9
South Arcot	٠,						2,387	582	— 75 ·6
North Arcot	• /						714	911	+ 27.6
Salem					• •		721	860	+ 19.3
Periyar	• •		• •					••	••
Dharmapuri	• •	••	••				559	64 2	+ 14.8
Coimbatore	٠.		• •				1,272	732	— 42·5
Tiruchirappalli					• •	• •	449	7 10	+ 58.1
Thenjavur							1,152	2,069	+ 79.6
Pudukkottai						• •	17 6	224	+ 27.3
Madurai			••				1,131	1,342	+ 18.7
Ramanathapuran	m						779	436	— 44 ·0
iIrunciveji							75 1	1,389	+ 85.0
Kanniyakumari						• ·	742	452	+ 86.8
The Nilgirle			• •				347	213	— 38.6
				\$ T	ATE		13,145	14.514	+ 10.4

PLANTATION LABOUR.

During the Quarter ended September, 1979, there were 322 registered plantations. Comprising of 140 Tea, 145 Coffiee, 31 Rubber and 6 Cinchona Estates, out of which 250 estates furnished plantation labour Statistics in Form 'D' comprising of 110 Tea, 107 Coffee, 29 Rubber and 4 Cinchona Estates as against 256 Estates in the corresponding quarter of the previous year.

The Plantations.—The total number of workers employed in Tea Plantations were 60, 430 during the quarter under review as against 56,705 in the corresponding quarter of the previous year, i.e. September, 1978. The percentage of permanent workers to total number of workers was 89 per cent during the quarter ended September, 1979, whereas it was 94 per cent in the corresponding quarter of the previous year. The decrease in the percentage of permanent workers during the quarter under review was due to the more employment of Temporary workers. During the quarter under review, the average daily attendance of permanent workers were 43,930 as against 45,105 in the corresponding quarter of the previous year. The average daily earnings of permanent workers under Garden Men, Women and Minor were Rs. 8.75, Rs. 9.61 and Rs. 5.77 during the quarter ended September 1979 as against Rs. 7.89, Rs. 7.93 and Rs. 5.75 respectively in the corresponding quarter of the previous year.

Coffee Plantations.—9,317 workers were employed in coffee plantations during the quarter ended September, 1979 as against 7,706 in the corresponding quarter of the previous year. During the quarter under review, 5,627 workers were permanent as against 4,846 during the quarter ended September, 1978. An average earnings of Rs. 6.47, Rs. 6.03 and Rs. 2.41 were earned by the Men, Women and Minors Garden Labour temporary workers in September, 1979 quarter ended. Where as Rs. 5.92, Rs. 4.87 and Rs. 1.62 respectively during the corresponding quarter of the previous year.

Rubber plantations.—During the quarter ended September, 1979, 3,939 workers were employed in Rubber plantations as against 4,482 in the Corresponding quarter of the previous year viz. September, 1978. The decrease in total number of workers in Rubber Plantations during the quarter under review was due to strike and lay off ordered by some of the estate owners in the last month of the quarter under review. The average doily earnings of Garden Labour permanent men and women workers in September, 1979 quarter ended were Rs. 11.71 and Rs. 9.94 as against Rs. 10.08 and Rs. 6.95 respectively during the quarter ended September, 1978.

Cinchona plantations.—2,645 workers were employed in cinchona plantations during the quarter ended under review whereas 2,642 employed in the corresponding quarter of the previous year i.e., September, 1978. The percentage of permanent workers to total number of workers was 74 per cent as against 55 per cent during the quarter ended September, 1978. During the quarter ended the percentage of average daily attendance was 87 per cent whereas it was 76 per cent in the corresponding quarter of the previous year viz. September, 1978. The average earnings were Rs. 6.93, Rs. 6.15 and Rs. 4.00 respectively in respect of Garden Labour temporary men, women and minor workers during the quarter ended September, 1979 as against Rs. 5.82, Rs. 4.72 and Rs. 3.98 respectively during the quarter ended September, 1978.

12.2. Number of Plantations Registered and Reported.

							30th Septe	mber 1978.	30th September 1979.		
	Nam	e of Pla	antatio	n,			Number of Plantations registered.	Number of Plantation reported.	Number of Plantations registered.	Nu.nber of Plantations reports!	
			(1)				(2)	(3)	(4)	(3)	
Гэа							142	122	140	110	
Co.fee				• •			137	101	145	1)7	
Rubber						••	29	29	31	29	
Cinchena		••			••		5	4	б	4	
				T	osal	••	313	256	322	250	

12.3. PERCENTAGE OF PERMANENT WORKERS TO TOTAL NUMBER OF WORKERS IN PLANTATIONS.

• •	T	-6 4b a			30 <i>th</i>	September 19	978.	30th September 1979.			
		of the tions.			Total number of workers.	Number of Permanent workers.	Percentage.	Total number of workers,	Number of Permanent workers.	Percentage.	
						(3)	(4)	(5)	(6)	(7)	
Tea				56,7		56,705 53,269		60,430	53,643	89	
Coffee			٠.		7,706	4,846	63	9,317	5,627	60	
₹ubber				4,482	1,502	34	3,939	1,433	36		
Cinchona					2,642	1,451	55	2,645	1,948	74	

12.4. PERCENTAGE OF AVERAGE DAILY ATTENDANCE OF PERMANENT WORKERS IN PLANTATIONS.

					30th Sep	tember 1978.		30th September 1919.				
				,	Total number of Permanent Workers.	Average daily attendance.	Percentage.	Total number of Permanent workers.	Average daily attendance.	Percentage.		
		(1)			(2)	(3)	(4)	(5)	(6)	(7)		
Ton		••			53,269	45,105	85	53,643	43,930	81		
Coffee	• •		••		4,846	3,904	81	5,627	3,846	68		
Rubber	• •		••	• •	1,502	1,341	89	1,433	1,212	35		
Cinchena	••	• •	••	• •	1,451	1,101	76	1,948	1,702	87		

12.5. Average Daily earnings of workers in Plantations.

Cata	earn a	f Plane	itions a	שמע שמי	leaus		30th September 1978.				
Cule	gury o	i a mine	etions a	na wer	vers.		Garden L	abour.	Outside [s	abour.	
						r	P.	<i>T</i> .	Р.	1.	
			(1)				(2)	(3)	(4)	(5)	
							Rs. P.	RS. P.	RS. P.	18. P.	
Γea− Men	• •		• •				7.89	6.97	7.96	7.41	
Wemen	• •	• •					7.93	7.37	9.10	7.32	
Minors	• •	• •					5.75	5.97		••	
1. Jo fee-	٠.	• •			••		6.74	5.92	5.76	1.34	
V) asa		* *	• •				6.79	4.87	6.02	4.44	
finors							6.81	1.62		1.33	
3. ₹1bber— √len			• •		٠.		10.08	8.83	10.87	7.36	
vo nen							6.95	8.31	3.58		
Minors								.47		••	
4. Cinctona Men	· 		• •				7,20	5.82	* *	ĭ.	
No ien							7.36	1.72		5.50	
dinors.							4.53	3.98		3.32	

						30th September 197).					
•f ∂la	ntation.	s and w	orkers.		1	Garden L	abour.	Outside Cabour.			
						Р.	T.	7.	ſ,		
	(1)—con:	t.			(6)	(7)	(3)	(1)		
						RS. P.	RS. P.	RS. P.	₹5. °.		
						8.75	8.00	7.72	7 .3 t		
• •	• •	• •			* *	9.61	8,44	3.09	1.89		
• •		* *		٠.		5.77	4.53	* *	••		
	٠.	••	••	••		6.62	6'4 7	5.41	4.95		
				• •		6.56	6.03	5.39	4.79		
						6.00	2.41	••	3.37		
•		••	••	••	••	11.71	9.01	12.62	8.93		
	••	••	• •	• •	••	9.94		10.20	6.24		
	••	••	• •	• •	••	••	5.19	• •	3.05		
· -	••				• •	6.50	6.98	••	6.99		
٠,	• •	••	• •	• •	• •	7.55	6.15		6.86		
• •			* 1				4.00	••	2.05		
		(1	(1)—con	(1)—cont.		(1)—cont.	(1)—cont. (6) Rs. P.	Garden Labour. P. T. (6) (7) Rs. P. Rs. P. 8.75 8.00 9.61 8.44 5.77 4.53 6.62 6'47 6.56 6.03 6.00 2.41 11.71 9.01 9.94 8.54 5.19 6.50 6.93 7.55 6.15	P. T. P. (1)—cont. (6) (7) (3) Rs. P. Rs. P. Rs. P. Rs. P. Rs. A. 3.09 6.62 6'47 5.41 6.56 6.03 5.39 6.50 6.93 7		

T. - Temporary.

P. — Permanent.

XIII LOCAL BODIES

As on 31st March 1978, there were 2 Corporations, 3 Special Grade, 10 Selection Grade, 25 First Grade, 33 Second Grade, 25 Third Grade Municipalities and 8 Township Committees in the State.

13.1. Area and Population of Municipal Councils (as on 31st March 1978).

	Serial number and t	he mu	nicpali	ties.	Number of Municipalities.	Area as per 1971 Census Sq. Kilo metre.	Population as per 1971, census number.	
		(1)				(2)	(3)	(4)
į.	Corporations	٠.		. •		2	148.92	30,18,563
2.	Special Grade					3	65.05	9,72,484
3.	Selection Grade					10	139.97	10,06,945
4.	First Grade					25	323.07	16,13,344
5.	Second Grade		* 4		• •	33	400 92	15,06,436
Ŋ ,	Third Grade	4 4				25	410.80	6,82,178
7,	Township Committee	s				8	135.14	2,06,169
	Total for	the State	. •		••	106	1,623.87	90,06,119



13.2. SANITATION FACILITIES IN MUNICIPAL COUNCILS 1977-78.

	Seria i number Municij	and G valities	rade oj 1.	the		Total number of houses.	Number of houses provided with (Private) latrine.		
							Flushout.	Dry.	
		(1)				(2)	(3)	(4)	
1.	Corporations	••		••		1,99,901	1,82,718	8,686	
2.	Special Grade					1,52,172	37,076	66,738	
3.	Selection Grade		••			1,97,966	3 6, 969	1,19,001	
4.	First Grade					3,24,636	45,487	1,27,757	
S.	Second Grade				••	3,03,221	24,724	1,23,219	
6.	Third Grade	• •		• •		1,63,975	10,138	48,774	
7.	Township Commi	ittices	• •	- •	••	50,639	11,899	9,609	
	Total	for t	he Stat	e	• •	13,92,401	3,49,011	5,03,794	

	Serial number Munici			f the		Numb e r o latrines ii	f Public n use.	Urinals	Public	Length of
	172 MATECE	pa usie i	, ,		Flushout. Dry.			only.	baths.	Drainage in K.ns.
		(1)—-cont.				(5)	(6)	(7)	(8)	(9)
1.	Corporations					800	34	116	525	1,575.5
2.	Special Grade	٠.		. •		123	193	27	8	420,4
3 .	Selection Grade					119	729	14	37	520.3
4.	First Grade				-	217	535.	123	38	688.2
5.	Second Grade					93	425	112	16	610.8
4.	Third Grade	٠.				39	193	98	3	211.6
7 .	Township Comm	littees			• •	97	89	28	2	14.5
	Total for	thr Sta	1(0	••		1,567	2,044	548	629	4,041,3

13.3. WATER SUPPLY IN MUNICIPAL COUNCILS-1977-78.

J €I	rial number and grade the Municipalities.	•f		Length of pipe lines in operation K.M.	Number of house connections given till the end of the year.		er of wate	r-tax Other	Total runniug charges.
	(1)			(2)	(3)	(4)	(5)	(6)	(7)
1.	Corporations .	•	••	1,417.03	1,21,493	9,641	89,59,137	91,58,610	1,90,58,568
2.	Special Grade .	•		516.72	55,321	3,495	129,18,265	22,46,652	1,40,68,569
3.	Selection Grade .		••	584.01	63,032	3,591	90,23,067	56,82,269	81,68,400
4.	First Grade			788.38	67,013	6,561	72,68 ,37 0	28,65,169	83,03,360
5.	Second Grade	• •	••	938.21	47,040	3,178	69,14,108	34,20,449	68,93,921
6.	Third Grade .	•	••	276.85	18,209	2,276	21,23,549	9,50,243	21,04,474
7.	Township Committe	200	••	84-52	3,418	429	12,44,580	49,995	11,64,562,
	Tetal for the S	tato	• •	4,605.72	3,75,526	29,171	4,84,51,076	2,43,73,387	5,97,62,254

13.4 Street Lighting in Municipal Councils-1977-78.

Serie	Serial number and Grade Municipalities.				Electric Mercury, Vapour Lamps, Fluroscent tube lights, flood lights.	Ordinary lights.	Other than electric lights.	Total.
	(1)				(2)	(3)	(4)	(5)
1.	Corporations				48,599	3,297	• •	51,894
2.	Special Grade				17,334	5,671	• •	23,005
3.	Selection Grade	• •			20,119	11,492		31,161
4.	First Grade	• •			34,610	8,458	••	43,068
5.	Second Grade	•.•			25,403	7,078	7	32,488
6.	Third Grade	•••	-10	•.•	9,964	6,416	•.•	16 380
7.	Township Committee	1	••	••	5,084	1,391	13	6,488
	Total for the St	ate	••	• •	1,61,113	43,803	20	2,04,936

13.5. LENGTH OF ROADS IN MUNICIPAL COUNCILS, 1977-78.

Length of roads maintained by municipalities. Serial number and Grade of Municipalities. Water bound Un-surfaced. Macadam. Concrete. Bituminious. Total. (1) (2) (3) (4) (5) (6) (IN KILO METERS.) 1615.038 Corporations ... 133.880 1306.272 98.130 76.756 2 Special Grade ... 447.274 80.994 23.982 629.106 76.856 3 Selection Grade 142.724 158,206 573.892 101.564 976.386 4 First Grade 225.079 838.857 291.451 235,124 1590.511 Second Grade . . 204.957 566.407 342,246 262.597 1,376.207 Third Grade ... 188.978 122.136 304-182 650.772 . . 35.476 109.843 88-133 308.096 9.710 Township Committees 100.410 4031.523 1178.091 1092.338 7146.116 Total for the State ... 844-164

	13.6	RECEIPTS	AND	EXPENDITURE	OF	MUNICIPAL	COUNCIL-1	977-78.
--	------	----------	-----	-------------	----	-----------	-----------	---------

			de of		Total receipts of municipalities.	Total expenditure municipalities.	
		(1)			(2)	(2)	
		• •			45,90,76,100	38,44,16,270	
					16,38,99,471	15,08,01,550	
	- •				12,37,70,800	10,67,68,057	
д •					13,89,18,575	13,30,04,414	
			- +		8,91,72,645	8,49,29,423	
					3,11,69,387	2,82,29,236	
nittoes					2,22,23,300	1,83,21,135	
Total tor	the S	tate			1,02,82,30,278	90,64,70,091	
	mu	municipa	municipalities. (1)	nittees	municipalities. (1)	municipalities. (1) (2) 45,90,76,100 16,38,99,471 12,37,70,800 13,89,18,575 8,91,72,645 3,11,69,387 muttees 2,22,23,300	

XIV STATE FINANCE

RECEIPTS AND EXPENDITURE ON REVENUE ACCOUNT

The receipts under Revenue account for 1979-80 was Rs. 84,983 lakhs (Budget Estimates) as against Rs. 73,349 lakhs (Revised Estimate) for the previous year.

The expenditure under Revenue Account was Rs. 84,925 lakhs (Budget Estimate) as against Rs. 76,537 lakhs (Revised Estimates) for the previous year.

There was a surplus of Rs. 58 lakhs in 1979-80 (Budget Estimates) while there was deficit of Rs. 3188 lakhs in the previous year (Revised Estimates).

14.1. RECEIPTS AND EXPENDITURE ON REVENUE ACCOUNT.

				Accounts, 1977-78.	Revised Estimate, 1978-79.	Budget Estimate, 1979- 30 .
					(RUPES IN LAKE	.)
Revenue Receipts.			 	68,205	73,349	84,983
Expenditure on Revenue Account	×.		 	70,612	76,537	84,925
Revenue Surplus (+) or	deficit (-)		(==) 2,407	() 3,188	(+) 58

XV. STATE INCOME OF TAMIL NADU

STATE INCOME OF TAMILNADU.

According to Quick Estimate framed by this department the Net State Domestic product for Tamil Nadu in real terms, i.e., at 1970-71 prices, stood at Rs. 3,223.98 crores as against Rs. 2,911.83 crores in the previous year registering a growth of 10.7 per cent. The estimates for the years 1976-77 to 1977-78 were revised with reference to a latest data available. The percapita income during the year stood at Rs. 702 registering 9.2 per cent increase over the previous years. The primary sector generally commands the trend in State income accounting for 38.2 percent of total Net State Demostic product during the year 1978-79 with growth of 12.1 per cent over the previous year. This is mainly attributed to the performance in agricultural front. A bumper harvest of food-grains to the tune of 83.2 lakhs tonnes during the year supplimented by a substantial increase in commercial crop production have been mainly responsible for the increase in the primary sector. The secondary sector also performed impressively during the year with an increase of 13.1 per cent over the previous year. Of these, registered sector which is the major one amoung the secondary sector forged ahead with an increase of 16.3 per cent during 1978-79 considerably a high rate of growth. The income from Electricity, gas and water supply also continued to register an increase of 14.4 per cent during 1978-79. The tertiary continued to maintain sizable increase during 1978-79 also.

At current prices the State and Percapita income during 1978-79 is estimated as Rs. 5,281.12 erores and Rs. 1,151 respectively.



15.1. NET STATE DOMESTIC PRODUCT OF INDUSTRY OF ORIGIN BY CURRENT PRICES.

	Industry.		1975-76 (by R	1976-77 Leveisd estimate	1977-78)	197 8-79 (Quick
	(1)		(2)	(3)	(4)	Estimates) (5)
			(RUPEES IN LAKE	(5.)	
1	Agriculture		1,12,944	1,31,296	1,39,708	1,62,781
2	Forestry and Logging	••	1,148	1,598	2,356	2,299
3	Fishing	• •	3,105	3,415	3,539	4,095
4	Mining and Quarrying		1,681	1,819	1,887	1,840
5	Sub-total		1,18,878	1,38,128	1,47,490	1,71,015
	(1) Manufacturing (Registered)	••	52,893	16,638	75,109	86,961
	(2) Manufacturing (unregistered)	••	32,853	33,847	36,401	36,910
6	Construction		22,647	27,136	32,514	38,958
7	Electricity, Gas and Water supply		6,267	8,219	7,488	7,867
	Sub-total	١	1,14,660	1,30,840	1,51,506	1,70,696
8	(1) Railways		4,439	4,712	4,856	5,008
	(2) Transport by other means and storage		13,733	19,528	22,368	23,519
	(3) Communication		4,291	5,635	6,297	7,037
9	Trade, Hotels and Restaurants		53,993	60,712	67,867	75,499
	Sub-total		76,4 56	90,587	1,01,390	1,11,063
10	Banking and Insurance		14,865	16,282	17,700	19,242
11	Real estate and ownership of dwelling business services	and	11,141	12,153	13,463	14,926
	Sub-total		26,006	28,435	31,163	34,168
12	Public Administration	• •	15,381	15,899	17,874	19,868
13	Other Services		18,405	18,985	19,754	21,302
14	Sub-total		33,786	34,884	37,623	41,170
15	N.S.D.P. at Factor cost		3,69,786	4,22,874	4,69,177	5,28,112
16	Estimated population (in lakhs)		440	4 46	453	459
	Per capita income (in Rs.)		840	948	1,036	1,151

15.2 Net State domestic product by industry or origin at constant prices (1970-71).

	Industry.			1975-76.	1976-77.	1977-78,	1978-79.
	(1)			R. (2)	R. (3)	1. (4)	Q.E. (>)
					(RUPEES IN LA	KHS.)	
1	Agriculture		••	9,57,20	8,99,02	10,53,79	11,86,44
2	Forestry and Logging :		• •	556	562	651	880
3	Fishing			29,54	28,11	28,74	27,18
4	Mining and quarrying			849	943	875	860
5	Sub-Total		••	10,00,79	9,42,18	10,97,79	12,31,02
	(1) Manufacturing (Registered)	••	••	2,83,77	3,05,28	3,11,44	3,62,13
	(2) Manufacturing (Unregistered)		••	1,91,43	1,91,55	2,03,13	2,05,97
6	Construction		••	1,38,01	1,63,37	1,96,14	2,37,41
7	Electricity Gas and Watersupply		• •	45,02	46,95	53,70	61,44
	Subtotal			6,58,23	70,175	7,66,41	8,66,95
	Railways			35,62	32,84	33,55	34,58
	(1) Transport by other means and	1 storage		89,7 0	90,95	97,90	1,02,70
	(3) Communication			33,02	34,91	36,81	41,14
9	Trade, Hotels and Restaurants .			3,65,46	3,61,51	4,04,96	4,46,57
	Sub total			5,23,80	5,20,21	5,73,22	6,24,99
10	Banking and Insurances			69,92	78,04	86,68	94,27
11	Real estate and ownership of dy business services	vellings a	and	97,03	1,01,27	1,06,89	1,10,89
	Sub-total		• •	1,66,95	1,79,31	1,92,57	2,05,16
12	Public Administration			1,27,49	1,27,80	1,41,55	1,52,82
13	Other Services			1,34,44	1,37,97	1,40,29	1,43,04
	Sub-total			2,61,93	2,65,77	29,11,83	32,23,98
14	N.S.D.P. at Factor cost		* *	26,11,70	26,14,62	29,11,83	32,22,98
15	Estimated population (in lakhs)			440	446	53	459
	Per Capita income (in Rs.)		• •	594	586	643	702

R.-Revised estimates.

Q.E.—Quick estimates.

